

Converting Colors

XYZ(73.2542, 77.2883, 84.4154)

Have a look what the booklet for
XYZ(73.2542, 77.2883, 84.4154)
contains.

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Color

**XYZ(73.4255, 77.4191,
84.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E4E4
RGB	227, 228, 228
RGB Percent	89%, 89%, 89%
CMY	0.1098, 0.1059, 0.1059
CMYK	0.00, 0.00, 0.00, 0.11
HSL	180°, 2%, 89%
HSV	180°, 0%, 89%
XYZ	73.4255, 77.4191, 84.4722
YIQ	227.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

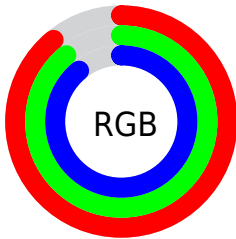
Format	Color
R _Y B	227, 228, 228
Decimal	14935268
CIE Lab	90.51, -0.33, -0.13
CIE LCh	91, 0.355, 201.096
Yxy	77.4191, 0.3120, 0.3290
Android (android.graphics.Color)	4293125348 (0xFFE3E4E4)
YUV	227.7010, 0.1474, -0.6148
Hunter-Lab	87.9881, -5.0222, 4.6709

Details

The XYZ color **73.4255, 77.4191, 84.4722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3319, 76.9801, 83.6705**, and the grayscale version is **73.5255, 77.3545, 84.2391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4997, 41.6749, 45.4974** is the 20% darker color. If you saturate the color by 10%, you get **66.6935, 73.9522, 84.0955**, and if you desaturate by 10%, it is **81.1142, 81.3836, 84.8969**.

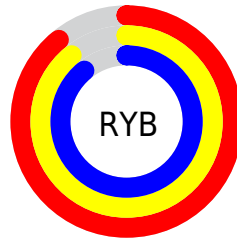
Distribution



Red (89%)

Green (89%)

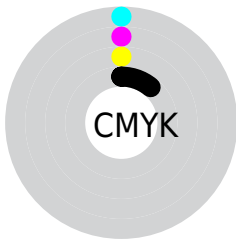
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)

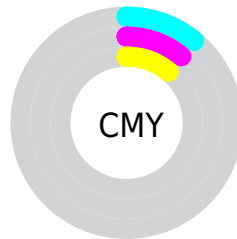


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4255, 77.4191, 84.4722 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.4255, 77.4191, 84.4722 by changing the saturation by 10% instead.

■ 73.4255, 77.4191,
84.4722

■ 73.4255, 77.4191,
84.4722

461.5692,
486.1918, 529.9789

■ 54.6136, 57.5969,
62.8577

123.0810,
129.7309, 141.5031

■ 39.3250, 41.4847,
45.2859

154.6552,
162.9893, 177.7567

■ 27.1945, 28.6980,
31.3381

191.2142,
201.4953, 219.7270

■ 17.8567, 18.8525,
20.5958

233.1235,
245.6331, 267.8326

■ 10.9462, 11.5637,
12.6405

280.7482,
295.7873, 322.4921

■ 6.0977, 6.4474,
7.0537

334.4539,

■ 2.9458, 3.1190,

352.3422, 384.1239

3.4167

394.6057,
415.6823, 453.1467

■ 1.1252, 1.1942,
1.3112

■ 0.0460, 0.0569,
0.0709

■ 73.4255, 77.4191,
84.4722

■ 73.4255, 77.4191,
84.4722

■ 66.6935, 73.9522,
84.0955

■ 81.1142, 81.3836,
84.8969

■ 60.8745, 70.9538,
83.7599

■ 83.0130, 82.3610,
85.0491

■ 55.9312, 68.4068,
83.4654

■ 83.0251, 82.3659,
85.1130

■ 51.8210, 66.2894,
83.2099

■ 83.0372, 82.3707,
85.1770

■ 48.4980, 64.5777,
82.9912

■ 83.0494, 82.3756,
85.2410

■ 45.9118, 63.2459,
82.8071

■ 83.0616, 82.3804,
85.3050

■ 44.0061, 62.2648,
82.6548

■ 83.0737, 82.3853,
85.3690

■ 42.7164, 61.6014,
82.5314

■ 83.0859, 82.3902,
85.4331

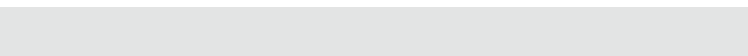
■ 41.9662, 61.2160,
82.4333

■ 83.0981, 82.3950,
85.4973

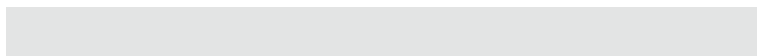
Harmonies

Analogous

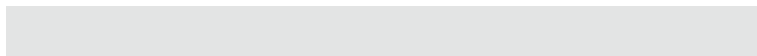
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4161, 77.4191, 84.2207



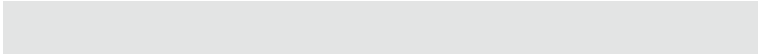
73.4255, 77.4191, 84.4722



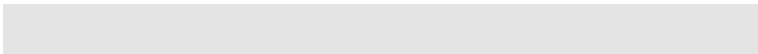
73.4775, 77.4191, 84.6770

Triad

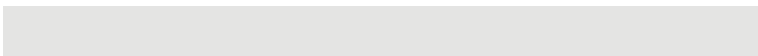
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4255, 77.4191, 84.4722



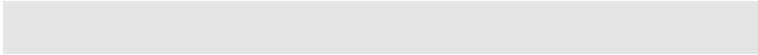
73.7174, 77.4191, 84.6034



73.6109, 77.4191, 83.8145

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.4255, 77.4191, 84.4722



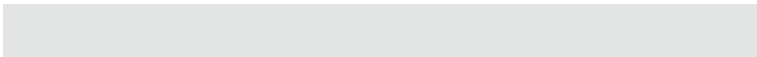
73.3319, 76.9801, 83.6705

Split Complementary

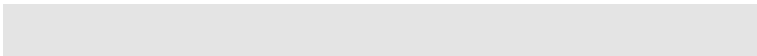
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6917, 77.4191, 83.9166



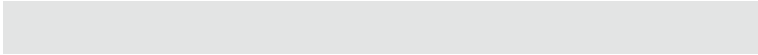
73.4255, 77.4191, 84.4722



73.7532, 77.4191, 84.3719

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4255, 77.4191, 84.4722



73.6459, 77.4191, 84.7528



73.7438, 77.4191, 84.1205



73.5232, 77.4191, 83.8413

Rectangle

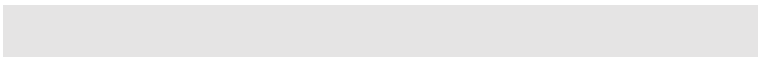
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4255, 77.4191, 84.4722



73.5293, 77.4191, 84.7593



73.7438, 77.4191, 84.1205



73.6398, 77.4191, 83.8349

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.4277, 77.4224, 84.4739

95.0500, 100.0000, 108.9000



73.2945, 77.3698, 83.7449



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

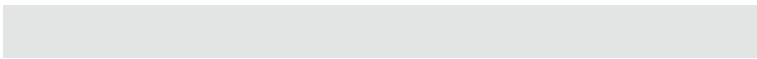
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4277, 77.4224, 84.4739



94.1165, 99.5189, 108.8481



73.2949, 77.1560, 84.4323



16.0700, 16.9873, 18.5749



24.0375, 35.2471, 47.5594



1.7771, 2.6050, 3.5186

Inverse Universe

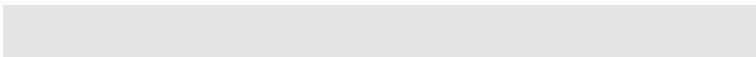
The Inverse Universe completely reimagines the original color for something new.



73.3319, 76.9801, 83.6705



93.8355, 98.2212, 106.4909



73.4643, 77.2458, 83.7120



16.0249, 16.7790, 18.1966



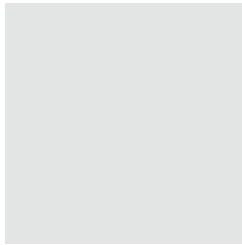
18.4788, 9.5257, 0.8843



1.3663, 0.7042, 0.0695

Previews

White Background



This preview shows how the XYZ color 73.4255, 77.4191, 84.4722 looks on a white background.

Color Contrast Check

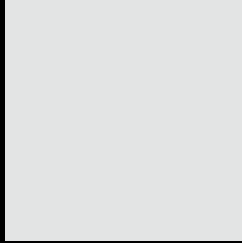
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.4255, 77.4191, 84.4722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

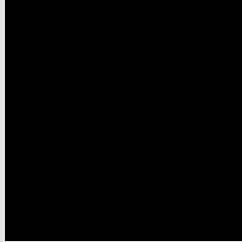
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

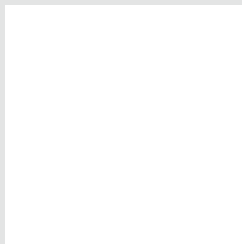
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4255, 77.4191, 84.4722

Background



This preview shows how black text looks on a background with the XYZ color 73.4255, 77.4191, 84.4722.



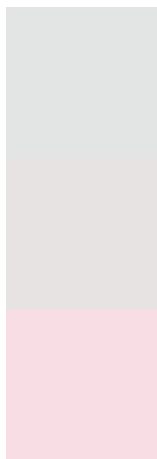
This preview shows how white text looks on a background with the XYZ color 73.4255, 77.4191,

84.4722.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.4255, 77.4191, 84.4722

Protanopia

74.6129, 77.6400, 83.7265

Deuteranopia

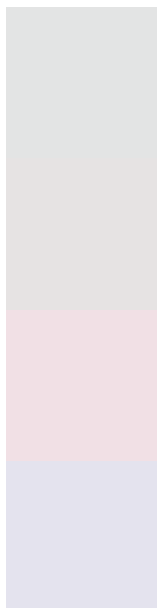
79.0662, 77.5098, 84.9224



Tritanopia

75.6871, 77.5218, 95.7681

Trichromacy



Original Color

73.4255, 77.4191, 84.4722

Protanomaly

73.9673, 77.3072, 83.6963

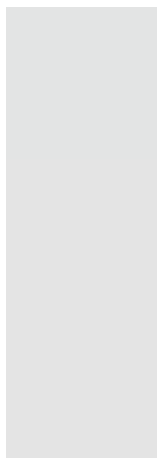
Deuteranomaly

77.0741, 77.6692, 85.0582

Tritanomaly

74.8966, 77.6052, 91.9207

Monochromacy



Original Color

73.4255, 77.4191, 84.4722

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7419, 77.5822, 84.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4255, 77.4191, 84.4722 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(227, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.4255, 77.4191, 84.4722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 228, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 228, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 73.4255, 77.4191, 84.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
228, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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