

Converting Colors

XYZ(74.2829, 78.1513, 85.1068)

Have a look what the booklet for
XYZ(74.2829, 78.1513, 85.1068)
contains.

XYZ(74.4753, 78.3538, 85.3273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(74.4753, 78.3538,
85.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5E5
RGB	229, 229, 229
RGB Percent	90%, 90%, 90%
CMY	0.1020, 0.1019, 0.1020
CMYK	0.00, 0.00, 0.00, 0.10
HSL	121°, 0%, 90%
HSV	121°, 0%, 90%
XYZ	74.4753, 78.3538, 85.3273
YIQ	229.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R _{YB}	229, 229, 229
Decimal	15066597
CIE Lab	90.94, 0.00, -0.01
CIE LCh	91, 0.011, 296.921
Yxy	78.3538, 0.3127, 0.3290
Android (android.graphics.Color)	4293256677 (0xFFE5E5E5)
YUV	229.0000, 0.0000, 0.0000
Hunter-Lab	88.5177, -4.7231, 4.8093

Details

The XYZ color **74.4753, 78.3538, 85.3273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4782, 78.3559, 85.3315**, and the grayscale version is **74.4781, 78.3568, 85.3305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2316, 42.3268, 46.0938** is the 20% darker color. If you saturate the color by 10%, you get **64.7025, 73.6579, 69.5114**, and if you desaturate by 10%, it is **85.6241, 83.7164, 103.3388**.

Distribution



- Red (90%)
- Green (90%)
- Blue (90%)



- Red (90%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4753, 78.3538, 85.3273 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 74.4753, 78.3538, 85.3273 by changing the saturation by 10% instead.

■ 74.4753, 78.3538,
85.3273

■ 74.4753, 78.3538,
85.3273

465.1372,
489.3675, 532.8833

■ 55.4758, 58.3647,
63.5601

124.5612,
131.0487, 142.7086

■ 40.0181, 42.1019,
45.8506

156.3784,
164.5233, 179.1598

■ 27.7370, 29.1811,
31.7801

193.1988,
203.2619, 221.3428

■ 18.2669, 19.2178,
20.9302

235.3878,
247.6488, 269.6761

■ 11.2426, 11.8278,
12.8822

283.3108,
298.0684, 324.5783

■ 6.2988, 6.6265,
7.2177

337.3331,

■ 3.0700, 3.2297,

354.9051, 386.4678

3.5181

397.8201,
418.5434, 455.7633

■ 1.1909, 1.2528,
1.3649

■ 0.0991, 0.1042,
0.1141

■ 74.4753, 78.3538,
85.3273

■ 74.4753, 78.3538,
85.3273

■ 64.7025, 73.6579,
69.5114

■ 85.6241, 83.7164,
103.3388

■ 56.2461, 69.5932,
55.8022

■ 87.3108, 84.5217,
106.3203

■ 49.0519, 66.1357,
44.1125

■ 43.0594, 63.2564,
34.3469

■ 38.2031, 60.9237,
26.4022

■ 34.4114, 59.1031,
20.1659

■ 31.6042, 57.7561,
15.5127

■ 29.6906, 56.8387,
12.3004

■ 28.5626, 56.2989,
10.3613

Harmonies

Analogous

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



74.4727, 78.3538, 85.3289



74.4753, 78.3538, 85.3273



74.4773, 78.3538, 85.3221

Triad

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



74.4753, 78.3538, 85.3273



74.4758, 78.3538, 85.3014



74.4677, 78.3538, 85.3132

Complementary

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



74.4753, 78.3538, 85.3273



74.4782, 78.3559, 85.3315

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.



74.4686, 78.3538, 85.3058



74.4753, 78.3538, 85.3273



74.4732, 78.3538, 85.2990

Square

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



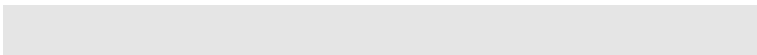
74.4753, 78.3538, 85.3273



74.4776, 78.3538, 85.3072



74.4706, 78.3538, 85.3006



74.4683, 78.3538, 85.3207

Rectangle

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



74.4753, 78.3538, 85.3273



74.4780, 78.3538, 85.3174



74.4706, 78.3538, 85.3006



74.4679, 78.3538, 85.3106

Sweetspot

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



74.4775, 78.3572, 85.3290

95.0500, 100.0000, 108.9000



74.4787, 78.3578, 85.3290



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.



74.4775, 78.3572, 85.3290

95.0500, 100.0000, 108.9000



74.4778, 78.3573, 85.3304



16.2198, 17.0645, 18.5832



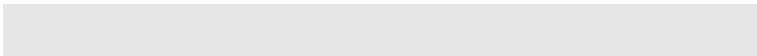
16.0366, 32.0467, 5.4271



1.1886, 2.3695, 0.4195

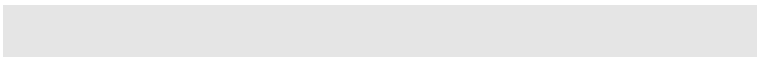
Inverse Universe

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



74.4782, 78.3559, 85.3315

95.0500, 100.0000, 108.9000



74.4779, 78.3558, 85.3300



16.2198, 17.0645, 18.5832



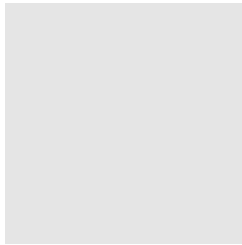
26.2602, 12.6383, 41.8605



1.9439, 0.9353, 3.1112

Previews

White Background



This preview shows how the XYZ color 74.4753, 78.3538, 85.3273 looks on a white background.

Color Contrast Check

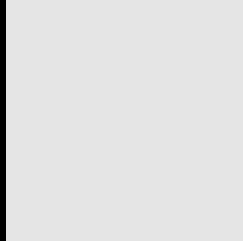
Large Text (above 18pt) WCAG AA × Fail

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 74.4753, 78.3538, 85.3273 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 74.4753, 78.3538, 85.3273

Background



This preview shows how black text looks on a background with the XYZ color 74.4753, 78.3538, 85.3273.



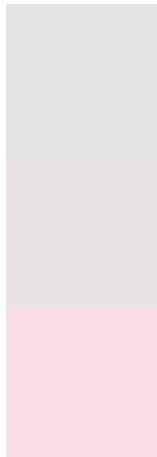
This preview shows how white text looks on a background with the XYZ color 74.4753, 78.3538,

85.3273.

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

74.4753, 78.3538, 85.3273

Protanopia

75.3513, 78.4119, 84.5624

Deuteranopia

79.8285, 78.2797, 85.7650



Tritanopia

76.7532, 78.4587, 96.6867

Trichromacy



Original Color

74.4753, 78.3538, 85.3273

Protanomaly

75.0257, 78.2440, 84.5471

Deuteranomaly

77.8261, 78.4408, 85.9016

Tritanomaly

75.9565, 78.5418, 92.8181

Monochromacy



Original Color

74.4753, 78.3538, 85.3273

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4753, 78.3538, 85.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4753, 78.3538, 85.3273 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(229, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 229)  
}
```

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(229, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.4753, 78.3538, 85.3273 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(229, 229, 229) }
```

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

```
.border{ border-color:rgb(229, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 74.4753, 78.3538, 85.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 229) }
```

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

```
.background{ background-color: rgb(229,  
229, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor