

Converting Colors

XYZ(73.2792, 76.9653, 89.7007)

Have a look what the booklet for
XYZ(73.2792, 76.9653, 89.7007)
contains.

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Color

**XYZ(73.2050, 76.7836,
89.5597)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E3EB
RGB	224, 227, 235
RGB Percent	88%, 89%, 92%
CMY	0.1216, 0.1098, 0.0784
CMYK	0.05, 0.03, 0.00, 0.08
HSL	224°, 22%, 90%
HSV	224°, 5%, 92%
XYZ	73.2050, 76.7836, 89.5597
YIQ	227.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

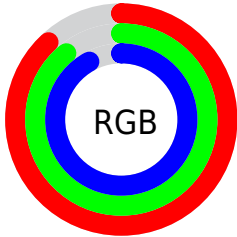
Format	Color
R _{YB}	224, 226, 235
Decimal	14738411
CIE Lab	90.22, 0.47, -4.25
CIE LCh	90, 4.275, 276.298
Yxy	76.7836, 0.3056, 0.3205
Android (android.graphics.Color)	4292928491 (0xFFE0E3EB)
YUV	227.0150, 3.9366, -2.6442
Hunter-Lab	87.6263, -4.2229, 0.7402

Details

The XYZ color **73.2050, 76.7836, 89.5597** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5725, 80.7567, 82.0742**, and the grayscale version is **73.0010, 76.8027, 83.6382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2514, 41.1947, 48.5304** is the 20% darker color. If you saturate the color by 10%, you get **61.9765, 64.4011, 87.7626**, and if you desaturate by 10%, it is **85.9082, 90.6188, 91.5618**.

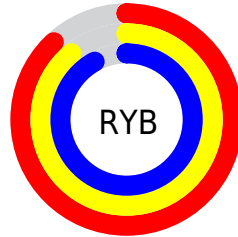
Distribution



Red (88%)

Green (89%)

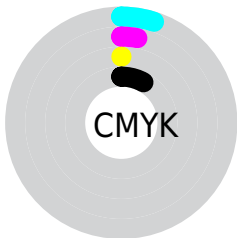
Blue (92%)



Red (88%)

Yellow (89%)

Blue (92%)

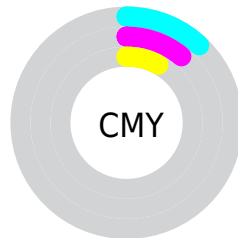


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2050, 76.7836, 89.5597 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 73.2050, 76.7836, 89.5597 by changing the saturation by 10% instead.

■ 73.2050, 76.7836,
89.5597

■ 73.2050, 76.7836,
89.5597

460.8178,
484.0259, 547.1306

■ 54.4326, 57.0753,
67.0439

122.7698,
128.8340, 148.6568

■ 39.1797, 41.0657,
48.6585

154.2928,
161.9448, 186.0752

■ 27.0809, 28.3704,
33.9849

190.7968,
200.2919, 229.2981

■ 17.7709, 18.6051,
22.6048

232.6470,
244.2598, 278.7442

■ 10.8843, 11.3853,
14.0994

280.2089,
294.2327, 334.8320

■ 6.0558, 6.3266,
8.0503

333.8477,

■ 2.9200, 3.0447,

350.5951, 397.9799

4.0389

393.9289,
413.7314, 468.6066

■ 1.1116, 1.1551,
1.6467

■ 0.0348, 0.0246,
0.3238

■ 73.2050, 76.7836,
89.5597

■ 73.2050, 76.7836,
89.5597

■ 61.9765, 64.4011,
87.7626

■ 85.9082, 90.6188,
91.5618

■ 52.1615, 53.4136,
86.1591

■ 91.9956, 98.7783,
92.8159

■ 43.7044, 43.7735,
84.7441

■ 36.5431, 35.4269,
83.5105

■ 30.6107, 28.3161,
82.4507

■ 25.8337, 22.3786,
81.5564

■ 22.1304, 17.5461,
80.8188

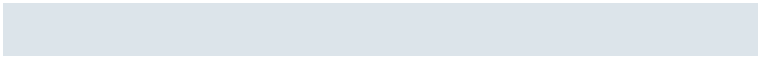
■ 19.4076, 13.7421,
80.2281

■ 17.5533, 10.8780,
79.7730

Harmonies

Analogous

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



72.1618, 76.7836, 89.0805



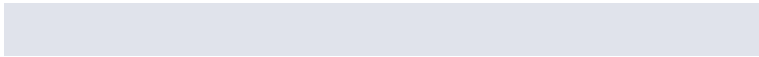
73.2050, 76.7836, 89.5597



74.1974, 76.7836, 88.4122

Triad

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



73.2050, 76.7836, 89.5597



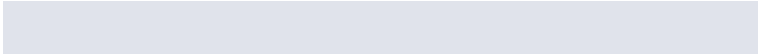
74.6405, 76.7836, 80.1861



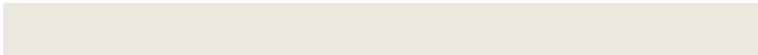
71.1246, 76.7836, 81.2728

Complementary

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



73.2050, 76.7836, 89.5597



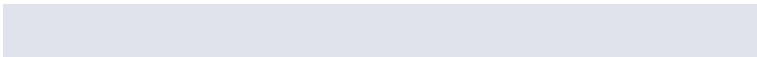
76.5725, 80.7567, 82.0742

Split Complementary

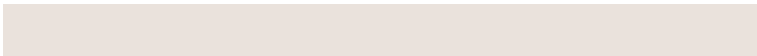
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7770, 76.7836, 78.9739



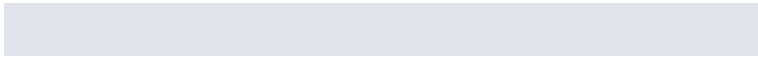
73.2050, 76.7836, 89.5597



73.8054, 76.7836, 78.3572

Square

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



73.2050, 76.7836, 89.5597



75.0314, 76.7836, 82.9637



72.7565, 76.7836, 77.9189



70.9674, 76.7836, 84.2482

Rectangle

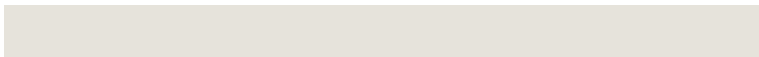
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2050, 76.7836, 89.5597



74.6945, 76.7836, 86.8951



72.7565, 76.7836, 77.9189



71.2930, 76.7836, 80.3976

Sweetspot

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



73.2072, 76.7869, 89.5614



93.5295, 98.3425, 108.6602



74.9990, 81.0848, 87.9564



20.0352, 21.0668, 23.2603



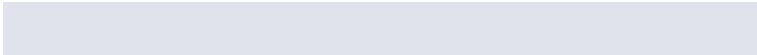
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.2072, 76.7869, 89.5614



86.1972, 90.3204, 107.4982



73.1368, 75.5417, 89.3248



15.2668, 15.9895, 19.2039



9.4621, 5.5712, 44.3196



0.8208, 0.5932, 3.5061

Inverse Universe

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



74.7835, 76.5211, 83.5053



88.6224, 89.9279, 98.1772



76.6434, 82.0590, 82.3218



15.7421, 15.9140, 17.3766



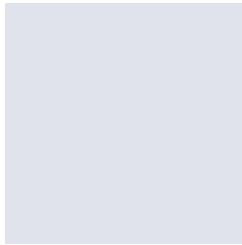
19.6313, 10.0552, 3.8599



1.5808, 0.8053, 0.5100

Previews

White Background



This preview shows how the XYZ color 73.2050, 76.7836, 89.5597 looks on a white background.

Color Contrast Check

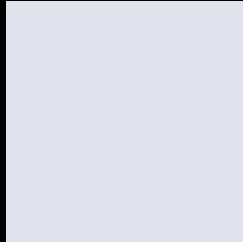
Large Text (above 18pt) WCAG AA × Fail

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 73.2050, 76.7836, 89.5597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

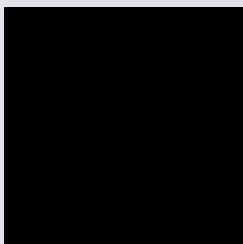
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

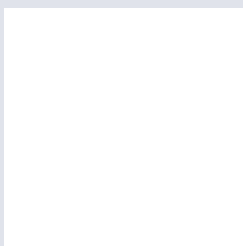
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2050, 76.7836, 89.5597

Background



This preview shows how black text looks on a background with the XYZ color 73.2050, 76.7836, 89.5597.



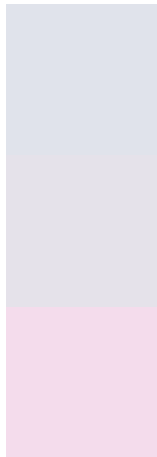
This preview shows how white text looks on a background with the XYZ color 73.2050, 76.7836,

89.5597.

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

73.2050, 76.7836, 89.5597

Protanopia

74.3607, 76.9912, 88.7835

Deuteranopia

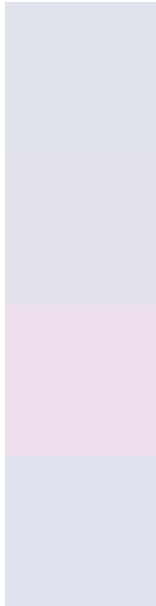
78.0417, 76.4756, 90.0049



Tritanopia

74.5768, 76.9319, 96.5067

Trichromacy



Original Color

73.2050, 76.7836, 89.5597

Protanomaly

73.7262, 76.6641, 88.7538

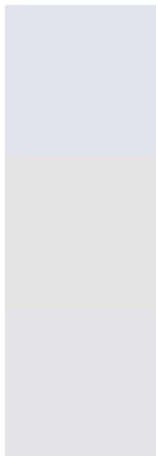
Deuteranomaly

76.4531, 76.8360, 90.1582

Tritanomaly

74.1249, 76.7511, 94.1267

Monochromacy



Original Color

73.2050, 76.7836, 89.5597

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1160, 76.8201, 85.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2050, 76.7836, 89.5597 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(224, 227, 235) looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 235)  
}
```

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(224, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.2050, 76.7836, 89.5597 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(224, 227, 235) }
```


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

```
.border{ border-color:rgb(224, 227, 235) }
```

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

Here you see how a box with a 4 pixel rgb(224, 227, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2050, 76.7836, 89.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 235) }
```

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

```
.background{ background-color: rgb(224,  
227, 235) }
```

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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