

Converting Colors

XYZ(66.1654, 73.5249, 50.5515)

Have a look what the booklet for
XYZ(66.1654, 73.5249, 50.5515)
contains.

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Color

**XYZ(66.2004, 73.6175,
50.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2AE
RGB	226, 226, 174
RGB Percent	89%, 89%, 68%
CMY	0.1137, 0.1137, 0.3176
CMYK	0.00, 0.00, 0.23, 0.11
HSL	60°, 47%, 78%
HSV	60°, 23%, 89%
XYZ	66.2004, 73.6175, 50.7649
YIQ	220.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

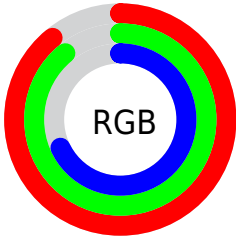
Format	Color
RYB	174, 226, 174
Decimal	14869166
CIELab	88.74, -8.26, 25.51
CIELCh	89, 26.810, 107.945
Yxy	73.6175, 0.3474, 0.3863
Android (android.graphics.Color)	4293059246 (0xFFE2E2AE)
YUV	220.0720, -22.7135, 5.1989
Hunter-Lab	85.8006, -12.4275, 24.9809

Details

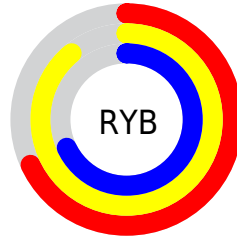
The XYZ color **66.2004, 73.6175, 50.7649** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3219, 44.7637, 78.1545**, and the grayscale version is **68.2248, 71.7778, 78.1661**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **34.5917, 39.0523, 23.8038** is the 20% darker color. If you saturate the color by 10%, you get **64.1800, 72.8118, 40.1208**, and if you desaturate by 10%, it is **68.5954, 74.5781, 63.3646**.

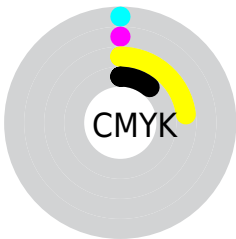
Distribution



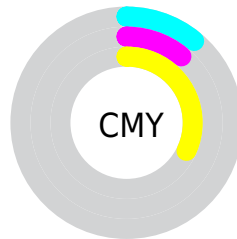
- Red (89%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2004, 73.6175, 50.7649 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 66.2004, 73.6175, 50.7649 by changing the saturation by 10% instead.

■ 66.2004, 73.6175,
50.7649

■ 66.2004, 73.6175,
50.7649

436.5706,
473.1522, 406.4701

■ 48.7034, 54.4810,
35.6461

■ 112.8300,
124.3534, 92.7151

■ 34.5978, 38.9864,
23.8735

142.6934,
156.7217, 120.3836

■ 23.5183, 26.7491,
15.0285

177.4096,
194.2693, 153.0724

■ 15.0995, 17.3849,
8.6925

217.3440,
237.3808, 191.2001

■ 8.9760, 10.5093,
4.4471

262.8619,
286.4404, 235.1851

■ 4.7825, 5.7379,
1.8737

314.3288,

■ 2.1537, 2.6864,

341.8325, 285.4461

0.4759

372.1099,
403.9417, 342.4016

■ 0.7181, 0.9703,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2004, 73.6175,
50.7649

■ 66.2004, 73.6175,
50.7649

■ 64.1800, 72.8118,
40.1208

■ 68.5954, 74.5781,
63.3646

■ 62.5099, 72.1436,
31.3301


■ 71.3765, 75.6906,
78.0060


■ 61.1719, 71.6084,
24.2881


■ 74.5619, 76.9649,
94.7759


■ 60.1438, 71.1970,
18.8780


■ 76.6150, 77.7862,
105.5839


 59.4008, 70.8997,
14.9690


 76.6158, 77.7866,
105.5840


 58.9141, 70.7050,
12.4099


 76.6165, 77.7870,
105.5840

 58.6490, 70.5989,
11.0181

 76.6172, 77.7873,
105.5840

 58.5565, 70.5618,
10.5335

 76.6180, 77.7877,
105.5841

 76.6187, 77.7881,
105.5841

Harmonies

Analogous

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



72.6070, 73.6175, 50.0679



66.2004, 73.6175, 50.7649



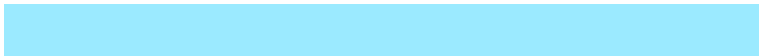
61.1178, 73.6175, 58.5430

Triad

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



66.2004, 73.6175, 50.7649



61.9492, 73.6175, 109.6935



82.8833, 73.6175, 87.8462

Complementary

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



66.2004, 73.6175, 50.7649



46.3219, 44.7637, 78.1545

Split Complementary

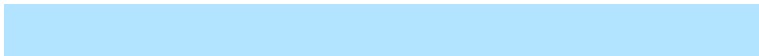
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6409, 73.6175, 106.5269



66.2004, 73.6175, 50.7649



67.4000, 73.6175, 120.3835

Square

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



66.2004, 73.6175, 50.7649



58.7697, 73.6175, 91.6671



73.8826, 73.6175, 119.1425



82.5127, 73.6175, 69.6530

Rectangle

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



66.2004, 73.6175, 50.7649



59.0422, 73.6175, 67.4853



73.8826, 73.6175, 119.1425



82.1719, 73.6175, 94.3231

Sweetspot

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



66.2023, 73.6208, 50.7665



92.3073, 98.9028, 94.4608



54.1425, 49.4987, 46.7460



19.7096, 21.1501, 19.9658



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.



66.2023, 73.6208, 50.7665



85.6071, 96.2225, 59.1887



58.6586, 69.7319, 50.4134



14.8717, 16.0295, 14.6170



33.4046, 40.2532, 6.0090



2.3155, 2.7902, 0.4165

Inverse Universe

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



46.3219, 44.7637, 78.1545



54.7807, 51.4769, 101.6565



52.6852, 48.0441, 78.4523



12.9522, 13.2434, 17.2613



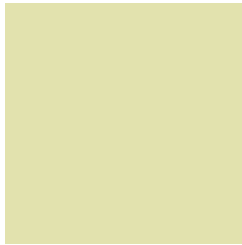
7.8318, 3.1327, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 66.2004, 73.6175, 50.7649 looks on a white background.

Color Contrast Check

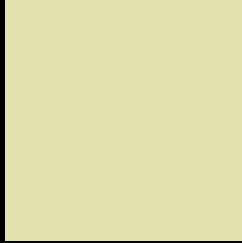
Large Text (above 18pt) WCAG AA × Fail

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 66.2004, 73.6175, 50.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

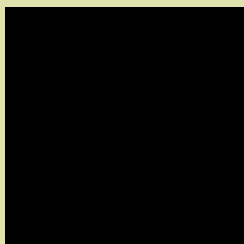
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

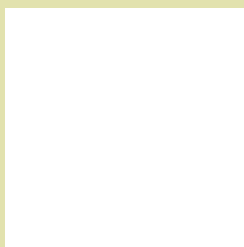
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2004, 73.6175, 50.7649

Background



This preview shows how black text looks on a background with the XYZ color 66.2004, 73.6175, 50.7649.



This preview shows how white text looks on a background with the XYZ color 66.2004, 73.6175,

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

66.2004, 73.6175, 50.7649

Protanopia

68.8276, 73.3983, 49.5694

Deuteranopia

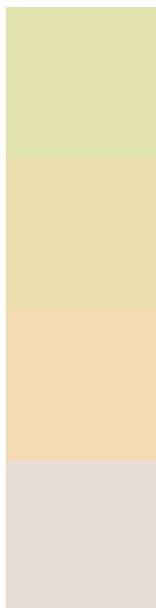
74.1922, 73.3216, 55.5895



Tritanopia

73.9985, 73.6334, 88.9098

Trichromacy



Original Color

66.2004, 73.6175, 50.7649

Protanomaly

67.8622, 73.2849, 50.1038

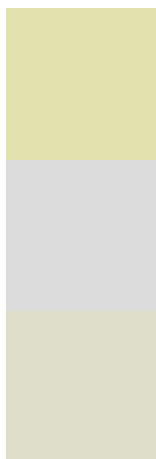
Deuteranomaly

70.8780, 73.1914, 53.5717

Tritanomaly

70.8217, 73.5059, 73.4061

Monochromacy



Original Color

66.2004, 73.6175, 50.7649

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0250, 72.0839, 66.8809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2004, 73.6175, 50.7649 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(226, 226, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 174)  
}
```

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(226, 226, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 174) }
```

Border

The CSS property to change the border of an element to XYZ 66.2004, 73.6175, 50.7649 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(226, 226, 174) }
```


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

```
.border{ border-color:rgb(226, 226, 174) }
```

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

Here you see how a box with a 4 pixel rgb(226, 226, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2004, 73.6175, 50.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 174) }
```

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

```
.background{ background-color: rgb(226,  
226, 174) }
```

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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