

Converting Colors

XYZ(50.5741, 55.3303, 8.0143)

Have a look what the booklet for
XYZ(50.5741, 55.3303, 8.0143)
contains.

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Color

**XYZ(50.4804, 55.3271,
8.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C400
RGB	224, 196, 0
RGB Percent	88%, 77%, 0%
CMY	0.1216, 0.2313, 0.9999
CMYK	0.00, 0.12, 1.00, 0.12
HSL	53°, 100%, 44%
HSV	53°, 100%, 88%
XYZ	50.4804, 55.3271, 8.0186
YIQ	182.0280, 79.6040, -55.0200

Conversions

Conversions Part 2

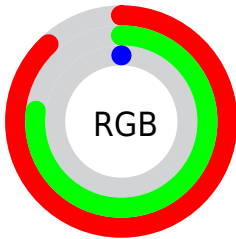
Format	Color
R_YB	32, 224, 0
Decimal	14730240
CIE Lab	79.23, -5.56, 80.36
CIE LCh	79, 80.548, 93.955
Yxy	55.3271, 0.4435, 0.4861
Android (android.graphics.Color)	4292920320 (0xFFE0C400)
YUV	182.0280, -89.7398, 36.8094
Hunter-Lab	74.3822, -9.0276, 45.6759

Details

The XYZ color **50.4804, 55.3271, 8.0186** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.8704, 6.2132, 70.9887**, and the grayscale version is **44.9247, 47.2642, 51.4708**.

A 20% lighter version of the original color is **77.6506, 91.5209, 21.9602**, and **25.1323, 27.5374, 3.9906** is the 20% darker color. If you saturate the color by 10%, you get **50.4809, 55.3284, 8.0188**, and if you desaturate by 10%, it is **51.2679, 56.6642, 9.0158**.

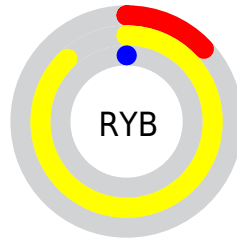
Distribution



Red (88%)

Green (77%)

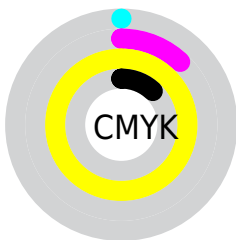
Blue (0%)



Red (13%)

Yellow (88%)

Blue (0%)

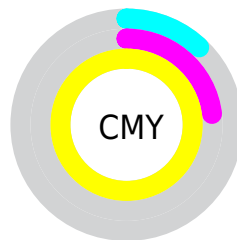


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4804, 55.3271, 8.0186 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 50.4804, 55.3271, 8.0186 by changing the saturation by 10% instead.

■ 50.4804, 55.3271,
8.0186

■ 50.4804, 55.3271,
8.0186

378.9626,
407.1507, 185.8179

■ 36.0146, 39.6637,
4.0189

■ 90.0738, 98.0200,
22.5417

■ 24.6156, 27.2764,
1.6357

■ 115.9322,
125.8183, 33.9021

■ 15.9181, 17.7809,
0.3161

■ 146.3188,
158.4304, 48.5533

■ 9.5567, 10.7928,
0.0000

■ 181.5989,
196.2406, 66.9136

■ 5.1661, 5.9277,
0.0000

■ 222.1381,
239.6333, 89.4017

■ 2.3808, 2.8012,
0.0000

■ 268.3015,

■ 0.8355, 1.0288,

288.9930, 116.4361

0.0000

320.4546,
344.7040, 148.4353

■ 0.0000, 0.0000,
0.0000

■ 50.4804, 55.3271,
8.0186

■ 50.4804, 55.3271,
8.0186

■ 50.4809, 55.3284,
8.0188

■ 51.2679, 56.6642,
9.0158

■ 52.2385, 58.0913,
10.9242

■ 53.4493, 59.6335,
14.0386

■ 54.9321, 61.3037,
18.5264

■ 56.7137, 63.1127,
24.5286

■ 58.8177, 65.0700,
32.1687

■ 61.2652, 67.1841,
41.5576

■ 64.0754, 69.4629,
52.7963

■ 67.2662, 71.9135,
65.9782

Harmonies

Analogous

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



67.3846, 55.3271, 10.5362



50.4804, 55.3271, 8.0186



37.1215, 55.3271, 12.5666

Triad

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



50.4804, 55.3271, 8.0186



30.8608, 55.3271, 124.5709



85.5928, 55.3271, 108.1590

Complementary

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



50.4804, 55.3271, 8.0186



13.8704, 6.2132, 70.9887

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.



71.8423, 55.3271, 167.7703



50.4804, 55.3271, 8.0186



40.1313, 55.3271, 180.1677

Square

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



50.4804, 55.3271, 8.0186



27.3541, 55.3271, 66.5658



54.7509, 55.3271, 199.0428



89.9116, 55.3271, 54.3316

Rectangle

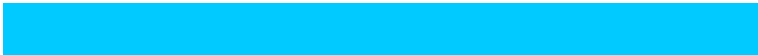
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.4804, 55.3271, 8.0186



31.3172, 55.3271, 21.6824



54.7509, 55.3271, 199.0428



81.7994, 55.3271, 128.9214

Sweetspot

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



50.4816, 55.3298, 8.0197



82.1115, 90.0651, 55.4397



30.9734, 15.9408, 2.6651



17.2654, 19.0146, 10.6633



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.



50.4816, 55.3298, 8.0197



67.6622, 74.1044, 10.7374



37.7894, 59.0507, 9.4069



14.7179, 15.7218, 14.5657



29.4421, 32.3220, 4.6870



2.0823, 2.3234, 0.3387

Inverse Universe

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



13.8704, 6.2132, 70.9887



18.5630, 8.2461, 95.2210



16.9472, 7.1827, 71.0137



13.0894, 13.5179, 17.3070



8.1183, 3.7061, 41.3358



0.6086, 0.3486, 2.8805

Previews

White Background



This preview shows how the XYZ color 50.4804, 55.3271, 8.0186 looks on a white background.

Color Contrast Check

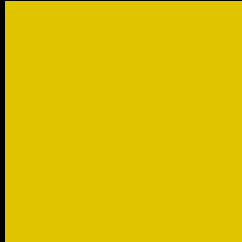
Large Text (above 18pt) WCAG AA × Fail

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 50.4804, 55.3271, 8.0186 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 50.4804, 55.3271, 8.0186

Background



This preview shows how black text looks on a background with the XYZ color 50.4804, 55.3271, 8.0186.



This preview shows how white text looks on a background with the XYZ color 50.4804, 55.3271,

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

50.4804, 55.3271, 8.0186

Protanopia

50.1124, 55.4709, 8.1806

Deuteranopia

56.4352, 55.1402, 8.5328



Tritanopia

60.9527, 55.1036, 59.6481

Trichromacy



Original Color

50.4804, 55.3271, 8.0186

Protanomaly

50.4141, 55.6271, 8.1661

Deuteranomaly

54.0963, 55.2121, 8.2578

Tritanomaly

54.4270, 54.0102, 26.9584

Monochromacy



Original Color

50.4804, 55.3271, 8.0186

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9487, 48.6719, 23.6013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4804, 55.3271, 8.0186 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, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 196, 0)  
}
```

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, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 196, 0) }
```

Border

The CSS property to change the border of an element to XYZ 50.4804, 55.3271, 8.0186 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, 196, 0) }
```


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

```
.border{ border-color:rgb(224, 196, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 196, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 196,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4804, 55.3271, 8.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 196, 0) }
```

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

```
.background{ background-color: rgb(224,  
196, 0) }
```

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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