

Converting Colors

XYZ(51.5295, 57.2411, 8.3327)

Have a look what the booklet for
XYZ(51.5295, 57.2411, 8.3327)
contains.

XYZ(51.3947, 57.1558, 8.3234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(51.3947, 57.1558,
8.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C800
RGB	224, 200, 0
RGB Percent	88%, 78%, 0%
CMY	0.1216, 0.2157, 0.9999
CMYK	0.00, 0.11, 1.00, 0.12
HSL	54°, 100%, 44%
HSV	54°, 100%, 88%
XYZ	51.3947, 57.1558, 8.3234
YIQ	184.3760, 78.5040, -57.1120

Conversions

Conversions Part 2

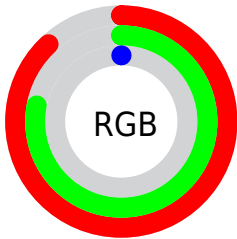
Format	Color
R _Y B	27, 224, 0
Decimal	14731264
CIE Lab	80.27, -7.60, 81.10
CIE LCh	80, 81.452, 95.353
Yxy	57.1558, 0.4397, 0.4890
Android (android.graphics.Color)	4292921344 (0xFFE0C800)
YUV	184.3760, -90.8974, 34.7502
Hunter-Lab	75.6015, -10.9563, 46.3934

Details

The XYZ color **51.3947, 57.1558, 8.3234** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.7817, 6.0359, 70.9590**, and the grayscale version is **46.2281, 48.6356, 52.9641**.

A 20% lighter version of the original color is **78.6397, 93.4359, 22.4845**, and **25.7436, 28.7599, 4.1944** is the 20% darker color. If you saturate the color by 10%, you get **51.3953, 57.1573, 8.3236**, and if you desaturate by 10%, it is **52.1049, 58.3384, 9.2949**.

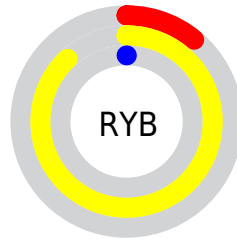
Distribution



Red (88%)

Green (78%)

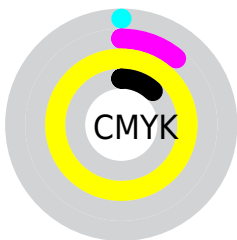
Blue (0%)



Red (11%)

Yellow (88%)

Blue (0%)

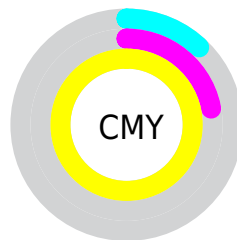


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3947, 57.1558, 8.3234 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 51.3947, 57.1558, 8.3234 by changing the saturation by 10% instead.

51.3947, 57.1558,
8.3234

51.3947, 57.1558,
8.3234

382.4578,
414.0329, 188.2754

36.7451, 41.1303,
4.2118

91.4175, 100.6925,
23.1466

25.1830, 28.4209,
1.7423

117.5214,
128.9725, 34.6953

16.3429, 18.6432,
0.3895

148.1741,
162.1062, 49.5602

9.8595, 11.4128,
0.0000

183.7411,
200.4778, 68.1597

5.3675, 6.3452,
0.0000

224.5875,
244.4720, 90.9124

2.5014, 3.0561,
0.0000

271.0789,

0.8960, 1.1611,

294.4729, 118.2369

0.0000

323.5805,
350.8651, 150.5517

■ 0.0000, 0.0296,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.3947, 57.1558,
8.3234

■ 51.3947, 57.1558,
8.3234

■ 51.3953, 57.1573,
8.3236

■ 52.1049, 58.3384,
9.2949

■ 52.9952, 59.6047,
11.1766

■ 54.1225, 60.9800,
14.2632

■ 55.5187, 62.4770,
18.7222

■ 57.2106, 64.1064,
24.6946

■ 59.2217, 65.8778,
32.3039

■ 61.5730, 67.7996,
41.6608

■ 64.2839, 69.8797,
52.8664

■ 67.3720, 72.1250,
66.0142

Harmonies

Analogous

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



68.7881, 57.1558, 10.5798



51.3947, 57.1558, 8.3234



37.8371, 57.1558, 13.4255

Triad

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



51.3947, 57.1558, 8.3234



32.1871, 57.1558, 131.7234



88.8978, 57.1558, 108.7942

Complementary

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



51.3947, 57.1558, 8.3234



13.7817, 6.0359, 70.9590

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.



75.0174, 57.1558, 170.8587



51.3947, 57.1558, 8.3234



42.0459, 57.1558, 188.1714

Square

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



51.3947, 57.1558, 8.3234



28.2926, 57.1558, 71.1776



57.3644, 57.1558, 205.2840



92.8074, 57.1558, 54.0709

Rectangle

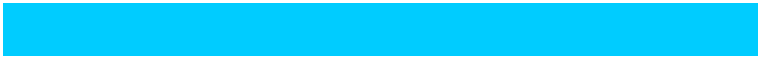
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.3947, 57.1558, 8.3234



32.0279, 57.1558, 23.3257



57.3644, 57.1558, 205.2840



85.1220, 57.1558, 130.2050

Sweetspot

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



51.3960, 57.1585, 8.3245



82.5274, 90.8968, 55.5784



30.9286, 15.9229, 2.4297



17.3662, 19.2163, 10.6969



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.



51.3960, 57.1585, 8.3245



68.8964, 76.5728, 11.1488



37.1603, 58.7263, 9.3774



14.7398, 15.7655, 14.5730



29.9674, 33.3726, 4.8621



2.1136, 2.3861, 0.3492

Inverse Universe

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



13.7817, 6.0359, 70.9590



18.4492, 8.0185, 95.1831



17.2815, 7.3551, 71.0292



13.0696, 13.4784, 17.3004



8.0618, 3.5932, 41.3170



0.5992, 0.3298, 2.8773

Previews

White Background



This preview shows how the XYZ color 51.3947, 57.1558, 8.3234 looks on a white background.

Color Contrast Check

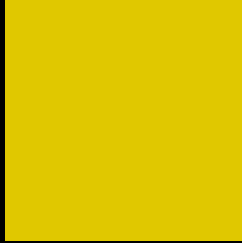
Large Text (above 18pt) WCAG AA × Fail

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 51.3947, 57.1558, 8.3234 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 51.3947, 57.1558, 8.3234

Background



This preview shows how black text looks on a background with the XYZ color 51.3947, 57.1558, 8.3234.



This preview shows how white text looks on a background with the XYZ color 51.3947, 57.1558,

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

51.3947, 57.1558, 8.3234

Deuteranopia

58.5179, 57.1608, 8.8686

Tritanopia

62.5763, 57.1208, 62.3709

Trichromacy



Original Color

51.3947, 57.1558, 8.3234

Deuteranomaly

55.7814, 57.0546, 8.5628

Tritanomaly

55.7403, 55.9497, 27.9402

Monochromacy



Original Color

51.3947, 57.1558, 8.3234

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.1775, 50.2534, 24.1484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3947, 57.1558, 8.3234 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, 200, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 200, 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, 200, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 200, 0) }
```

Border

The CSS property to change the border of an element to XYZ 51.3947, 57.1558, 8.3234 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, 200, 0) }
```

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

```
.border{ border-color:rgb(224, 200, 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, 200, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 200, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 200, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 200,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 51.3947, 57.1558, 8.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 200, 0) }
```

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

```
.background{ background-color: rgb(224,  
200, 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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