

Converting Colors

XYZ(51.5262, 65.3124, 11.1186)

Have a look what the booklet for
XYZ(51.5262, 65.3124, 11.1186)
contains.

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Color

**XYZ(51.5325, 65.3154,
11.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDE1E
RGB	205, 222, 30
RGB Percent	80%, 87%, 12%
CMY	0.1961, 0.1294, 0.8823
CMYK	0.08, 0.00, 0.86, 0.13
HSL	65°, 76%, 49%
HSV	65°, 86%, 87%
XYZ	51.5325, 65.3154, 11.1194
YIQ	195.0290, 51.5000, -63.3160

Conversions

Conversions Part 2

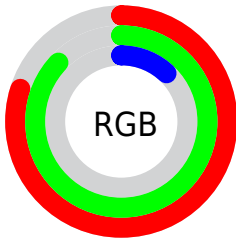
Format	Color
RYB	30, 222, 47
Decimal	13491742
CIELab	84.65, -26.11, 80.04
CIELCh	85, 84.194, 108.066
Yxy	65.3154, 0.4027, 0.5104
Android (android.graphics.Color)	4291681822 (0xFFCDDE1E)
YUV	195.0290, -81.3593, 8.7446
Hunter-Lab	80.8179, -27.6132, 48.4151

Details

The XYZ color **51.5325, 65.3154, 11.1194** 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 **14.8233, 6.8082, 69.6440**, and the grayscale version is **52.3396, 55.0654, 59.9662**.

A 20% lighter version of the original color is **79.2046, 93.6618, 25.4593**, and **25.6728, 33.7484, 5.1610** is the 20% darker color. If you saturate the color by 10%, you get **50.8032, 64.9638, 10.0860**, and if you desaturate by 10%, it is **52.4701, 65.7559, 13.2008**.

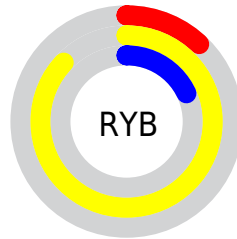
Distribution



Red (80%)

Green (87%)

Blue (12%)



Red (12%)

Yellow (87%)

Blue (18%)

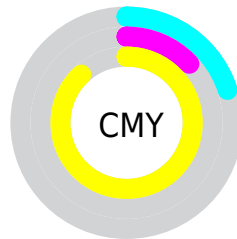


Cyan (8%)

Magenta (0%)

Yellow (86%)

Black (13%)



Cyan (20%)

Magenta (13%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5325, 65.3154, 11.1194 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 51.5325, 65.3154, 11.1194 by changing the saturation by 10% instead.

■ 51.5325, 65.3154,
11.1194

■ 51.5325, 65.3154,
11.1194

382.9828,
443.9245, 209.2516

■ 36.8553, 47.7169,
6.0320

■ 91.6197, 112.5032,
28.5208

■ 25.2687, 33.6027,
2.7955

■ 117.7605,
142.8612, 41.6718

■ 16.4071, 22.5886,
0.9912

■ 148.4532,
178.2412, 58.3479

■ 9.9054, 14.2900,
0.0000

■ 184.0631,
219.0276, 78.9674

■ 5.3980, 8.3226,
0.0000

■ 224.9557,
265.6047, 103.9490

■ 2.5198, 4.3021,
0.0000

■ 271.4963,

■ 0.9052, 1.8439,

318.3570, 133.7113

0.0000

324.0502,
377.6688, 168.6726

■ 0.0000, 0.5143,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5325, 65.3154,
11.1194

■ 51.5325, 65.3154,
11.1194

■ 50.8032, 64.9638,
10.0860

■ 52.4701, 65.7559,
13.2008

■ 50.5723, 64.8497,
9.8518

■ 53.6482, 66.2910,
16.5198

■ 55.0975, 66.9354,
21.2312

■ 56.8430, 67.6990,
27.4659

■ 58.9066, 68.5907,
35.3401

■ 61.3084, 69.6185,
44.9585

■ 64.0665, 70.7896,
56.4171

■ 67.1979, 72.1108,
69.8051

■ 70.7185, 73.5885,
85.2058

Harmonies

Analogous

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



69.8587, 65.3154, 10.3082



51.5325, 65.3154, 11.1194



38.8868, 65.3154, 21.9456

Triad

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



51.5325, 65.3154, 11.1194



40.9228, 65.3154, 179.2641



104.5842, 65.3154, 94.7431

Complementary

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



51.5325, 65.3154, 11.1194



14.8233, 6.8082, 69.6440

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.



93.0381, 65.3154, 165.1501



51.5325, 65.3154, 11.1194



54.9019, 65.3154, 228.0823

Square

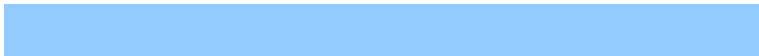
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.5325, 65.3154, 11.1194



33.6675, 65.3154, 108.2911



73.9774, 65.3154, 221.9065



103.1738, 65.3154, 43.6037

Rectangle

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



51.5325, 65.3154, 11.1194



34.2255, 65.3154, 39.0342



73.9774, 65.3154, 221.9065



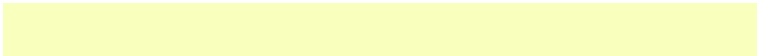
102.0073, 65.3154, 117.2168

Sweetspot

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



51.5340, 65.3184, 11.1208



84.0251, 95.3443, 61.9482



31.3379, 17.5792, 2.9706



17.7266, 20.2974, 12.2106



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.



51.5340, 65.3184, 11.1208



69.1729, 88.7450, 13.4837



32.7889, 55.6550, 10.2435



14.7458, 15.9646, 14.6111



30.0858, 38.5423, 5.8537



2.1210, 2.6899, 0.4074

Inverse Universe

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



14.8233, 6.8082, 69.6440



18.3940, 7.3973, 95.0661



24.8070, 11.9550, 70.1113



13.0640, 13.3010, 17.2665



8.0382, 3.2392, 41.2499



0.5966, 0.2448, 2.8611

Previews

White Background



This preview shows how the XYZ color 51.5325, 65.3154, 11.1194 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 51.5325, 65.3154, 11.1194 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 51.5325, 65.3154, 11.1194

Background



This preview shows how black text looks on a background with the XYZ color 51.5325, 65.3154, 11.1194.



This preview shows how white text looks on a background with the XYZ color 51.5325, 65.3154,

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

51.5325, 65.3154, 11.1194

Protanopia

58.7520, 64.8448, 10.4566

Deuteranopia

65.2298, 64.6488, 24.0794



Tritanopia

65.4509, 65.3255, 78.9715

Trichromacy



Original Color

51.5325, 65.3154, 11.1194

Protanomaly

55.8741, 64.8535, 10.6717

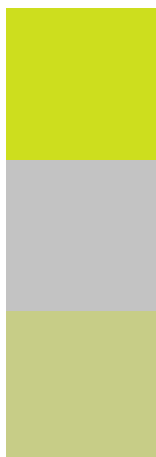
Deuteranomaly

59.2485, 64.2146, 17.2546

Tritanomaly

57.3176, 63.8339, 39.4372

Monochromacy



Original Color

51.5325, 65.3154, 11.1194

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

49.7577, 57.5540, 31.4082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5325, 65.3154, 11.1194 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(205, 222, 30)` looks like.

```
.text, #text, p{  
    color:rgb(205, 222, 30)  
}
```

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(205, 222, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 222, 30) }
```

Border

The CSS property to change the border of an element to XYZ 51.5325, 65.3154, 11.1194 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(205, 222, 30) }
```


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

```
.border{ border-color:rgb(205, 222, 30) }
```

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

Here you see how a box with a 4 pixel rgb(205, 222, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 222, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 222, 30);  
box-shadow:4px 4px 4px 4px rgb(205, 222,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5325, 65.3154, 11.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 222, 30) }
```

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

```
.background{ background-color: rgb(205,  
222, 30) }
```

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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