

Converting Colors

XYZ(53.4506, 64.3574, 18.4055)

Have a look what the booklet for
XYZ(53.4506, 64.3574, 18.4055)
contains.

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Color

**XYZ(53.3565, 64.1465,
18.3734)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3D956 |
| RGB | 211, 217, 86 |
| RGB Percent | 83%, 85%, 34% |
| CMY | 0.1726, 0.1490, 0.6627 |
| CMYK | 0.03, 0.00, 0.60, 0.15 |
| HSL | 63°, 63%, 59% |
| HSV | 63°, 60%, 85% |
| XYZ | 53.3565, 64.1465, 18.3734 |
| YIQ | 200.2720, 38.4750, -42.0130 |

Conversions

Conversions Part 2

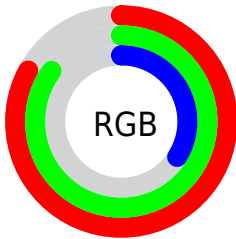
| Format | Color |
|-------------------------------------|--|
| RYB | 86, 217, 92 |
| Decimal | 13883734 |
| CIELab | 84.04, -18.75, 61.97 |
| CIELCh | 84, 64.741, 106.836 |
| Yxy | 64.1465, 0.3927, 0.4721 |
| Android (android.graphics.Color) | 4292073814 (0xFFD3D956) |
| YUV | 200.2720, -56.3361, 9.4085 |
| Hunter-Lab | 80.0915, -21.2445, 42.4626 |

Details

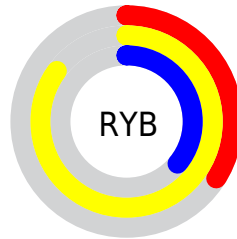
The XYZ color **53.3565, 64.1465, 18.3734** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **20.2679, 13.9421, 67.2725**, and the grayscale version is **55.3889, 58.2734, 63.4598**.

A 20% lighter version of the original color is **81.8077, 94.7031, 39.1671**, and **26.4446, 32.7898, 5.9722** is the 20% darker color. If you saturate the color by 10%, you get **52.3280, 63.7046, 14.4341**, and if you desaturate by 10%, it is **54.6552, 64.7014, 23.7130**.

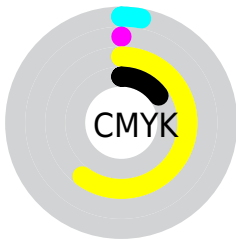
Distribution



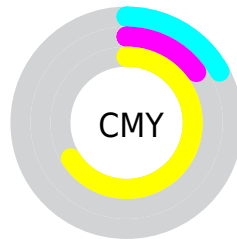
- Red (83%)
- Green (85%)
- Blue (34%)



- Red (34%)
- Yellow (85%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3565, 64.1465, 18.3734 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 53.3565, 64.1465, 18.3734 by changing the saturation by 10% instead.

■ 53.3565, 64.1465,
18.3734

■ 53.3565, 64.1465,
18.3734

389.8899,
439.7185, 255.2738

■ 38.3161, 46.7693,
11.0462

■ 94.2912, 110.8219,
41.4951

■ 26.4064, 32.8533,
5.9834

■ 120.9161,
140.8889, 58.1266

■ 17.2622, 22.0141,
2.7663

■ 152.1333,
175.9547, 78.6967

■ 10.5181, 13.8673,
0.9766

■ 188.3081,
216.4036, 103.6238

■ 5.8087, 8.0284,
0.0000

229.8057,
262.6200, 133.3265

■ 2.7686, 4.1131,
0.0000

276.9917,

■ 1.0326, 1.7370,

314.9884, 168.2234

0.0000

330.2313,
373.8931, 208.7330

0.0000, 0.4475,
0.0000

0.0000, 0.0000,
0.0000

53.3565, 64.1465,
18.3734

53.3565, 64.1465,
18.3734

52.3280, 63.7046,
14.4341

54.6552, 64.7014,
23.7130

51.5403, 63.3569,
11.7601

56.2413, 65.3690,
30.5636

50.9653, 63.0945,
10.1970

58.1358, 66.1603,
39.0293

50.5621, 62.9022,
9.4764

60.3567, 67.0823,
49.2039

■ 62.9203, 68.1416,
61.1742

■ 65.8420, 69.3443,
75.0209

■ 69.1362, 70.6963,
90.8199

■ 72.0655, 71.9025,
104.6880

■ 72.3657, 72.0572,
104.7021

Harmonies

Analogous

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



67.4396, 64.1465, 17.8431



53.3565, 64.1465, 18.3734



43.0526, 64.1465, 28.6752

Triad

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



53.3565, 64.1465, 18.3734



44.0468, 64.1465, 144.3479



91.8086, 64.1465, 89.3304

Complementary

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



53.3565, 64.1465, 18.3734



20.2679, 13.9421, 67.2725

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.



83.2731, 64.1465, 138.6431



53.3565, 64.1465, 18.3734



54.9267, 64.1465, 177.8232

Square

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



53.3565, 64.1465, 18.3734



38.2813, 64.1465, 95.1894



69.2739, 64.1465, 175.4024



91.2116, 64.1465, 49.4525

Rectangle

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



53.3565, 64.1465, 18.3734



39.0466, 64.1465, 43.2506



69.2739, 64.1465, 175.4024



89.8621, 64.1465, 105.5742

Sweetspot

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



53.3580, 64.1495, 18.3747



87.7510, 96.9914, 74.4828



33.9844, 22.7996, 11.4145



18.5636, 20.6696, 14.9287



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.



53.3580, 64.1495, 18.3747



75.1207, 91.6783, 19.7652



38.5516, 56.5165, 17.6818



14.1001, 15.2319, 13.9225



30.6311, 38.0884, 5.7374



2.0030, 2.4771, 0.3726

Inverse Universe

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



20.2679, 13.9421, 67.2725



23.6217, 13.4751, 95.9637



29.5387, 18.7214, 67.7063



12.3936, 12.6455, 16.4398



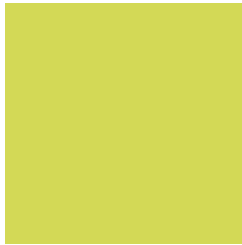
7.6811, 3.0839, 39.9288



0.5175, 0.2100, 2.5877

Previews

White Background



This preview shows how the XYZ color 53.3565, 64.1465, 18.3734 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 53.3565, 64.1465, 18.3734 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 53.3565, 64.1465, 18.3734

Background



This preview shows how black text looks on a background with the XYZ color 53.3565, 64.1465, 18.3734.



This preview shows how white text looks on a background with the XYZ color 53.3565, 64.1465,

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

53.3565, 64.1465, 18.3734

Protanopia

58.2511, 64.0569, 17.6816

Deuteranopia

64.7635, 63.7163, 23.9240



Tritanopia

64.8826, 63.6736, 75.8884

Trichromacy



Original Color

53.3565, 64.1465, 18.3734

Protanomaly

56.4853, 64.2519, 18.0191

Deuteranomaly

60.0662, 63.4526, 21.6521

Tritanomaly

59.1200, 63.1121, 47.5940

Monochromacy



Original Color

53.3565, 64.1465, 18.3734

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.2312, 59.4832, 41.4767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3565, 64.1465, 18.3734 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(211, 217, 86)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 86)  
}
```

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(211, 217, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 86) }
```

Border

The CSS property to change the border of an element to XYZ 53.3565, 64.1465, 18.3734 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(211, 217, 86) }
```


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

```
.border{ border-color:rgb(211, 217, 86) }
```

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

Here you see how a box with a 4 pixel rgb(211, 217, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 86);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3565, 64.1465, 18.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 86) }
```

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

```
.background{ background-color: rgb(211,  
217, 86) }
```

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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