

Converting Colors

XYZ(53.0089, 63.6492, 9.4917)

Have a look what the booklet for
XYZ(53.0089, 63.6492, 9.4917)
contains.

| | |
|--|----|
| XYZ(53.1711, 63.8634, 9.5245) | 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> | 31 |

Color

**XYZ(53.1711, 63.8634,
9.5245)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9D800 |
| RGB | 217, 216, 0 |
| RGB Percent | 85%, 85%, 0% |
| CMY | 0.1490, 0.1529, 0.9999 |
| CMYK | 0.00, 0.00, 1.00, 0.15 |
| HSL | 60°, 100%, 43% |
| HSV | 60°, 100%, 85% |
| XYZ | 53.1711, 63.8634, 9.5245 |
| YIQ | 191.6750, 69.9320, -66.9640 |

Conversions

Conversions Part 2

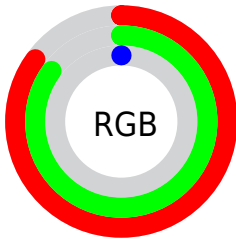
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 1, 217, 0 |
| Decimal | 14276608 |
| CIELab | 83.89, -18.59, 83.45 |
| CIElCh | 84, 85.497, 102.561 |
| Yxy | 63.8634, 0.4201, 0.5046 |
| Android (android.graphics.Color) | 4292466688 (0xFFD9D800) |
| YUV | 191.6750, -94.4958, 22.2100 |
| Hunter-Lab | 79.9146, -21.0857, 48.8738 |

Details

The XYZ color **53.1711, 63.8634, 9.5245** 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 **12.5357, 5.0321, 65.9556**, and the grayscale version is **50.4218, 53.0477, 57.7689**.

A 20% lighter version of the original color is **78.7615, 93.4846, 23.1257**, and **26.8250, 33.0088, 4.9575** is the 20% darker color. If you saturate the color by 10%, you get **53.1723, 63.8663, 9.5249**, and if you desaturate by 10%, it is **53.3401, 63.9741, 10.2824**.

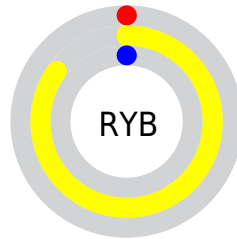
Distribution



Red (85%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (0%)

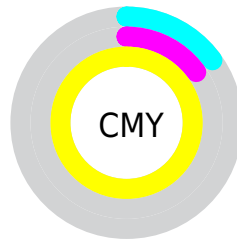


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1711, 63.8634, 9.5245 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 53.1711, 63.8634, 9.5245 by changing the saturation by 10% instead.


 53.1711, 63.8634,
9.5245


 53.1711, 63.8634,
9.5245


389.1913,
438.6962, 197.6037


 38.1674, 46.5400,
4.9834


 94.0201, 110.4142,
25.4909

 26.2904, 32.6722,
2.1789


 120.5962,
140.4104, 37.7532


 17.1749, 21.8754,
0.6622


 151.7604,
175.3997, 53.4264

 10.4553, 13.7654,
0.0000

 187.8781,
215.7665, 72.9290

 5.7665, 7.9577,
0.0000

 229.3147,
261.8951, 96.6795

 2.7429, 4.0679,
0.0000

 276.4356,

 1.0193, 1.7116,

314.1700, 125.0964

0.0000

329.6060,
372.9756, 158.5983

■ 0.0000, 0.4312,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1711, 63.8634,
9.5245

■ 53.1711, 63.8634,
9.5245

■ 53.1723, 63.8663,
9.5249

■ 53.3401, 63.9741,
10.2824

■ 53.6673, 64.1458,
11.8798

■ 54.2067, 64.4023,
14.5946

■ 54.9876, 64.7555,
18.5812

■ 56.0349, 65.2152,
23.9699

■ 57.3700, 65.7902,
30.8748

■ 59.0126, 66.4881,
39.3984

■ 60.9803, 67.3161,
49.6342

■ 63.2896, 68.2807,
61.6686

Harmonies

Analogous

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



72.1939, 63.8634, 10.1435



53.1711, 63.8634, 9.5245



39.3811, 63.8634, 17.7518

Triad

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



53.1711, 63.8634, 9.5245



37.7729, 63.8634, 165.7276



102.1440, 63.8634, 105.4157

Complementary

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



53.1711, 63.8634, 9.5245



12.5357, 5.0321, 65.9556

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.



88.5886, 63.8634, 177.0964



53.1711, 63.8634, 9.5245



50.4962, 63.8634, 222.5055

Square

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



53.1711, 63.8634, 9.5245



31.8057, 63.8634, 94.5768



68.9086, 63.8634, 227.4952



103.2749, 63.8634, 49.3588

Rectangle

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



53.1711, 63.8634, 9.5245



33.9326, 63.8634, 31.9014



68.9086, 63.8634, 227.4952



98.7782, 63.8634, 129.0015

Sweetspot

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



53.1725, 63.8664, 9.5258



84.9746, 95.7912, 56.3941



28.6353, 14.7602, 1.4444



17.9617, 20.4074, 10.8954



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.



53.1725, 63.8664, 9.5258



76.6287, 92.0375, 13.7262



31.5115, 53.0786, 8.5852



14.1569, 15.2531, 13.9236



32.1903, 38.6663, 5.7667



2.0871, 2.5084, 0.3742

Inverse Universe

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



12.5357, 5.0321, 65.9556



18.0627, 7.2453, 95.0542



18.3383, 8.0074, 66.2241



12.3435, 12.6267, 16.4388



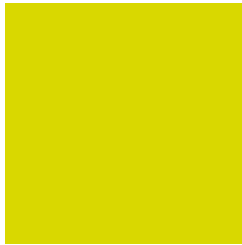
7.5902, 3.0499, 39.9270



0.4935, 0.2010, 2.5872

Previews

White Background



This preview shows how the XYZ color 53.1711, 63.8634, 9.5245 looks on a white background.

Color Contrast Check

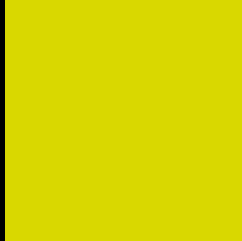
Large Text (above 18pt) WCAG AA × Fail

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 53.1711, 63.8634, 9.5245 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 53.1711, 63.8634, 9.5245

Background



This preview shows how black text looks on a background with the XYZ color 53.1711, 63.8634, 9.5245.

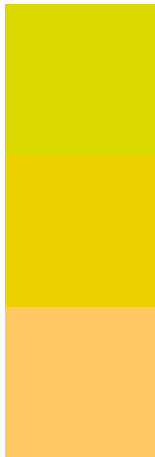


This preview shows how white text looks on a background with the XYZ color 53.1711, 63.8634,

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

53.1711, 63.8634, 9.5245

Protanopia

57.6387, 63.9261, 9.3011

Deuteranopia

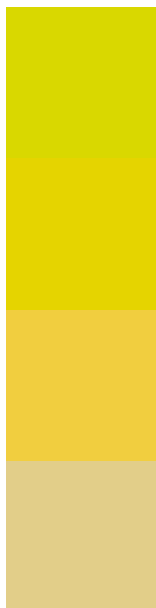
64.1464, 63.4694, 20.6743



Tritanopia

66.2363, 63.7201, 73.7739

Trichromacy



Original Color

53.1711, 63.8634, 9.5245

Protanomaly

55.8566, 63.7450, 9.3601

Deuteranomaly

59.2441, 63.2023, 13.7794

Tritanomaly

57.9507, 62.1175, 32.6025

Monochromacy



Original Color

53.1711, 63.8634, 9.5245

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.4869, 55.5959, 26.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1711, 63.8634, 9.5245 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(217, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 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(217, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 0) }
```

Border

The CSS property to change the border of an element to XYZ 53.1711, 63.8634, 9.5245 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(217, 216, 0) }
```


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

```
.border{ border-color:rgb(217, 216, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1711, 63.8634, 9.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 0) }
```

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

```
.background{ background-color: rgb(217,  
216, 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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