

Converting Colors

XYZ(53.9462, 63.4354, 10.1626)

Have a look what the booklet for
XYZ(53.9462, 63.4354, 10.1626)
contains.

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Color

**XYZ(54.0102, 63.5232,
10.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD616
RGB	221, 214, 22
RGB Percent	87%, 84%, 9%
CMY	0.1333, 0.1608, 0.9137
CMYK	0.00, 0.03, 0.90, 0.13
HSL	58°, 82%, 48%
HSV	58°, 90%, 87%
XYZ	54.0102, 63.5232, 10.1736
YIQ	194.2050, 65.8040, -58.2280

Conversions

Conversions Part 2

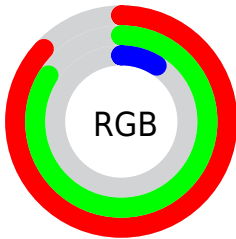
Format	Color
R _Y B	29, 221, 22
Decimal	14538262
CIE Lab	83.72, -15.67, 81.17
CIE LCh	84, 82.670, 100.928
Yxy	63.5232, 0.4229, 0.4974
Android (android.graphics.Color)	4292728342 (0xFFDDD616)
YUV	194.2050, -84.8971, 23.4992
Hunter-Lab	79.7014, -18.5158, 48.2229

Details

The XYZ color **54.0102, 63.5232, 10.1736** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **13.8218, 6.2703, 68.8880**, and the grayscale version is **51.8622, 54.5630, 59.4192**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **27.2687, 32.7187, 4.8781** is the 20% darker color. If you saturate the color by 10%, you get **53.6713, 63.0775, 9.3464**, and if you desaturate by 10%, it is **54.5205, 64.0450, 11.8826**.

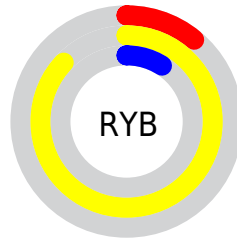
Distribution



Red (87%)

Green (84%)

Blue (9%)



Red (11%)

Yellow (87%)

Blue (9%)

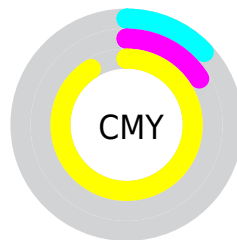


Cyan (0%)

Magenta (3%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0102, 63.5232, 10.1736 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 54.0102, 63.5232, 10.1736 by changing the saturation by 10% instead.

■ 54.0102, 63.5232,
10.1736

■ 54.0102, 63.5232,
10.1736

392.3466,
437.4658, 202.4363

■ 38.8405, 46.2646,
5.4071

■ 95.2460, 109.9240,
26.7344

■ 26.8158, 32.4547,
2.4252

■ 122.0429,
139.8350, 39.3658

■ 17.5708, 21.7090,
0.8001

■ 153.4462,
174.7322, 55.4560

■ 10.7401, 13.6433,
0.0000

■ 189.8213,
215.0000, 75.4233

■ 5.9584, 7.8730,
0.0000

■ 231.5335,
261.0229, 99.6865

■ 2.8602, 4.0138,
0.0000

■ 278.9482,

■ 1.0803, 1.6813,

313.1853, 128.6640

0.0000

332.4308,
371.8714, 162.7744

■ 0.0085, 0.4115,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0102, 63.5232,
10.1736

■ 54.0102, 63.5232,
10.1736

■ 53.6713, 63.0775,
9.3464

■ 54.5205, 64.0450,
11.8826

■ 55.2515, 64.6542,
14.7550

■ 56.2352, 65.3660,
18.9541

■ 57.4977, 66.1908,
24.6162

■ 59.0615, 67.1377,
31.8610

■ 60.9472, 68.2147,
40.7955

■ 63.1732, 69.4295,
51.5177

■ 65.7568, 70.7887,
64.1179

■ 68.7139, 72.2989,
78.6804

Harmonies

Analogous

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



72.4910, 63.5232, 11.2301



54.0102, 63.5232, 10.1736



40.3087, 63.5232, 17.8527

Triad

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



54.0102, 63.5232, 10.1736



37.6949, 63.5232, 157.2821



99.6513, 63.5232, 107.1587

Complementary

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



54.0102, 63.5232, 10.1736



13.8218, 6.2703, 68.8880

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.



86.1967, 63.5232, 175.2524



54.0102, 63.5232, 10.1736



49.6937, 63.5232, 212.8106

Square

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



54.0102, 63.5232, 10.1736



32.2234, 63.5232, 89.8577



67.2252, 63.5232, 220.6635



101.4504, 63.5232, 51.9228

Rectangle

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



54.0102, 63.5232, 10.1736



34.7595, 63.5232, 31.1299



67.2252, 63.5232, 220.6635



96.2318, 63.5232, 129.8573

Sweetspot

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



54.0116, 63.5262, 10.1749



85.1118, 94.7974, 60.3499



30.3660, 16.0505, 2.8616



18.0044, 20.1724, 11.8974



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.



54.0116, 63.5262, 10.1749



74.2073, 87.1946, 12.9191



35.4322, 56.6324, 9.8235



14.1210, 15.1813, 13.9116



31.1970, 36.6795, 5.4356



2.0336, 2.4013, 0.3563

Inverse Universe

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



13.8218, 6.2703, 68.8880



18.1473, 7.4146, 95.0824



19.9642, 9.2106, 69.1318



12.3752, 12.6901, 16.4493



7.6477, 3.1649, 39.9462



0.5087, 0.2315, 2.5923

Previews

White Background



This preview shows how the XYZ color 54.0102, 63.5232, 10.1736 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 54.0102, 63.5232, 10.1736 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 54.0102, 63.5232, 10.1736

Background



This preview shows how black text looks on a background with the XYZ color 54.0102, 63.5232, 10.1736.



This preview shows how white text looks on a background with the XYZ color 54.0102, 63.5232,

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

54.0102, 63.5232, 10.1736

Protanopia

57.1877, 63.3136, 9.8685

Deuteranopia

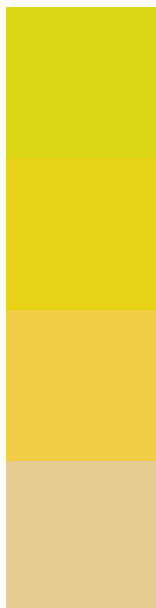
64.0519, 63.4316, 20.1769



Tritanopia

66.9501, 63.4153, 73.0017

Trichromacy



Original Color

54.0102, 63.5232, 10.1736

Protanomaly

56.0628, 63.4657, 10.0047

Deuteranomaly

59.8990, 63.1595, 14.8283

Tritanomaly

59.3368, 62.0531, 35.6381

Monochromacy



Original Color

54.0102, 63.5232, 10.1736

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.8852, 56.2494, 29.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0102, 63.5232, 10.1736 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(221, 214, 22)` looks like.

```
.text, #text, p{  
    color:rgb(221, 214, 22)  
}
```

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(221, 214, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 214, 22) }
```

Border

The CSS property to change the border of an element to XYZ 54.0102, 63.5232, 10.1736 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(221, 214, 22) }
```


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

```
.border{ border-color:rgb(221, 214, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 214, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 214, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 214, 22);  
box-shadow:4px 4px 4px 4px rgb(221, 214,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0102, 63.5232, 10.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 214, 22) }
```

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

```
.background{ background-color: rgb(221,  
214, 22) }
```

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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