

Converting Colors

XYZ(54.0352, 58.4773, 25.8921)

Have a look what the booklet for
XYZ(54.0352, 58.4773, 25.8921)
contains.

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Color

**XYZ(54.0352, 58.4773,
25.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC977
RGB	221, 201, 119
RGB Percent	87%, 79%, 47%
CMY	0.1333, 0.2117, 0.5333
CMYK	0.00, 0.09, 0.46, 0.13
HSL	48°, 60%, 67%
HSV	48°, 46%, 87%
XYZ	54.0352, 58.4773, 25.8921
YIQ	197.6320, 38.2420, -21.2620

Conversions

Conversions Part 2

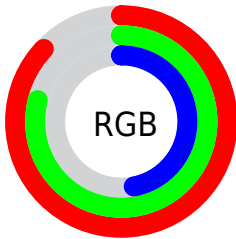
Format	Color
RYB	144, 221, 119
Decimal	14535031
CIELab	81.00, -3.91, 43.34
CIELCh	81, 43.516, 95.158
Yxy	58.4773, 0.3904, 0.4225
Android (android.graphics.Color)	4292725111 (0xFFDDC977)
YUV	197.6320, -38.7656, 20.4937
Hunter-Lab	76.4705, -7.6924, 33.4543

Details

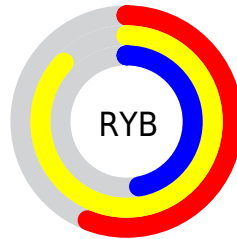
The XYZ color **54.0352, 58.4773, 25.8921** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.8913, 27.6068, 72.1597**, and the grayscale version is **53.6658, 56.4606, 61.4856**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **26.7869, 29.1773, 9.6888** is the 20% darker color. If you saturate the color by 10%, you get **51.8640, 56.0178, 19.3644**, and if you desaturate by 10%, it is **56.5463, 61.1227, 34.0569**.

Distribution



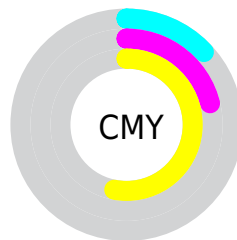
- Red (87%)
- Green (79%)
- Blue (47%)



- Red (56%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0352, 58.4773, 25.8921 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 54.0352, 58.4773, 25.8921 by changing the saturation by 10% instead.

■ 54.0352, 58.4773,
25.8921

■ 54.0352, 58.4773,
25.8921

392.4404,
418.9621, 295.8406

■ 38.8606, 42.1925,
16.5179

■ 95.2825, 102.6176,
54.0828

■ 26.8315, 29.2520,
9.7331

■ 122.0859,
131.2419, 73.7363

■ 17.5827, 19.2716,
5.1190

■ 153.4963,
164.7481, 97.6534

■ 10.7487, 11.8667,
2.2573

189.8790,
203.5206, 126.2525

■ 5.9641, 6.6530,
0.7072

231.5995,
247.9439, 159.9523

■ 2.8637, 3.2460,
0.0000

279.0229,

■ 1.0821, 1.2615,

298.4023, 199.1712

0.0000

332.5148,
355.2803, 244.3278

■ 0.0101, 0.1111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0352, 58.4773,
25.8921

■ 54.0352, 58.4773,
25.8921

■ 51.8640, 56.0178,
19.3644

■ 56.5463, 61.1227,
34.0569

■ 50.0067, 53.7268,
14.3559


■ 59.4130, 63.9541,
43.9585


■ 48.4397, 51.5968,
10.7385


■ 62.6548, 66.9819,
55.6931


■ 47.1343, 49.6159,
8.3616


■ 66.2887, 70.2132,
69.3485


 46.0546, 47.7693,
7.0372


 70.3305, 73.6547,
85.0070

 45.6751, 47.0849,
6.6810

 74.7952, 77.3127,
102.7462

 76.5373, 79.9293,
106.0017

 77.7673, 82.3892,
106.4117

 79.0274, 84.9095,
106.8317

Harmonies

Analogous

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



63.1948, 58.4773, 28.3815



54.0352, 58.4773, 25.8921



46.1749, 58.4773, 31.0696

Triad

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



54.0352, 58.4773, 25.8921



42.5661, 58.4773, 96.7930



72.8631, 58.4773, 86.9167

Complementary

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



54.0352, 58.4773, 25.8921



29.8913, 27.6068, 72.1597

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.



66.1847, 58.4773, 113.5608



54.0352, 58.4773, 25.8921



48.6045, 58.4773, 120.2602

Square

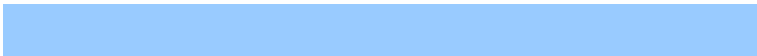
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.0352, 58.4773, 25.8921



40.0271, 58.4773, 68.2457



57.1558, 58.4773, 127.1050



74.7178, 58.4773, 59.3070

Rectangle

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



54.0352, 58.4773, 25.8921



42.5201, 58.4773, 39.2894



57.1558, 58.4773, 127.1050



71.0750, 58.4773, 96.4956

Sweetspot

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



54.0366, 58.4800, 25.8933



87.6337, 93.5262, 80.6587



41.1055, 30.4422, 28.2898



18.5336, 19.8158, 16.4360



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.



54.0366, 58.4800, 25.8933



71.9282, 77.7082, 27.3525



50.5217, 64.0436, 27.1524



13.9341, 14.8075, 13.8493



26.6141, 27.5138, 3.9080



1.7807, 1.8956, 0.2720

Inverse Universe

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



29.8913, 27.6068, 72.1597



34.7965, 30.2662, 98.6157



32.1527, 24.8610, 71.5105



12.5443, 13.0284, 16.5057



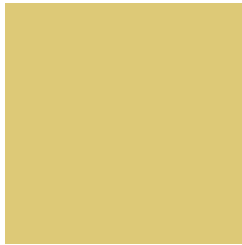
8.1534, 4.1762, 40.1148



0.5888, 0.3918, 2.6190

Previews

White Background



This preview shows how the XYZ color 54.0352, 58.4773, 25.8921 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 54.0352, 58.4773, 25.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

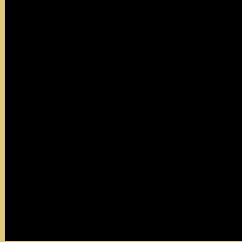
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0352, 58.4773, 25.8921

Background



This preview shows how black text looks on a background with the XYZ color 54.0352, 58.4773, 25.8921.



This preview shows how white text looks on a background with the XYZ color 54.0352, 58.4773,

25.8921.

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

54.0352, 58.4773, 25.8921

Protanopia

53.7316, 58.3208, 25.8779

Deuteranopia

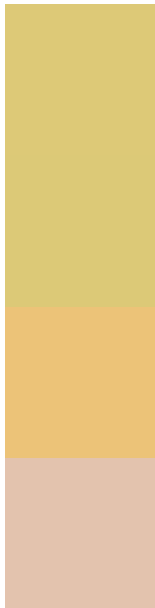
59.6091, 58.3128, 26.2029



Tritanopia

62.4045, 58.5408, 66.4030

Trichromacy



Original Color

54.0352, 58.4773, 25.8921

Protanomaly

53.7316, 58.3208, 25.8779

Deuteranomaly

57.4973, 58.2191, 25.9763

Tritanomaly

58.8336, 58.4171, 48.2192

Monochromacy



Original Color

54.0352, 58.4773, 25.8921

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0385, 56.8332, 45.7106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0352, 58.4773, 25.8921 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, 201, 119)` looks like.

```
.text, #text, p{  
    color:rgb(221, 201, 119)  
}
```

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, 201, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 201, 119) }
```

Border

The CSS property to change the border of an element to XYZ 54.0352, 58.4773, 25.8921 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, 201, 119) }
```


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

```
.border{ border-color:rgb(221, 201, 119) }
```

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

Here you see how a box with a 4 pixel rgb(221, 201, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 201, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 201, 119);  
box-shadow:4px 4px 4px 4px rgb(221, 201,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0352, 58.4773, 25.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 201, 119) }
```

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

```
.background{ background-color: rgb(221,  
201, 119) }
```

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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