

Converting Colors

XYZ(54.1686, 57.9955, 25.4524)

Have a look what the booklet for
XYZ(54.1686, 57.9955, 25.4524)
contains.

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Color

**XYZ(54.1249, 57.8428,
25.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC776
RGB	223, 199, 118
RGB Percent	87%, 78%, 46%
CMY	0.1255, 0.2196, 0.5372
CMYK	0.00, 0.11, 0.47, 0.13
HSL	46°, 62%, 67%
HSV	46°, 47%, 87%
XYZ	54.1249, 57.8428, 25.4516
YIQ	196.9420, 40.3050, -20.1030

Conversions

Conversions Part 2

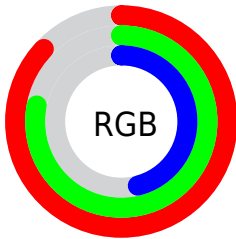
Format	Color
RYB	149, 223, 118
Decimal	14665590
CIELab	80.65, -2.17, 43.44
CIElCh	81, 43.493, 92.854
Yxy	57.8428, 0.3939, 0.4209
Android (android.graphics.Color)	4292855670 (0xFFDFC776)
YUV	196.9420, -38.9184, 22.8529
Hunter-Lab	76.0545, -6.0640, 33.3967

Details

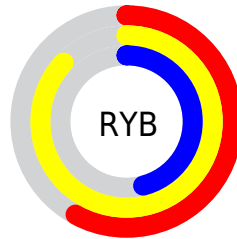
The XYZ color **54.1249, 57.8428, 25.4516** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.4633, 28.5244, 73.7122**, and the grayscale version is **53.2476, 56.0207, 61.0065**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **26.8644, 28.7630, 9.4461** is the 20% darker color. If you saturate the color by 10%, you get **51.8007, 55.0704, 18.8941**, and if you desaturate by 10%, it is **56.8044, 60.8245, 33.6743**.

Distribution



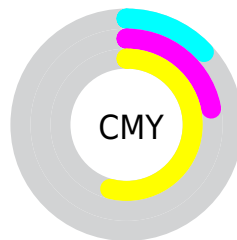
- Red (87%)
- Green (78%)
- Blue (46%)



- Red (58%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (11%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1249, 57.8428, 25.4516 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 54.1249, 57.8428, 25.4516 by changing the saturation by 10% instead.

■ 54.1249, 57.8428,
25.4516

■ 54.1249, 57.8428,
25.4516

392.7767,
416.5999, 293.5989

■ 38.9326, 41.6823,
16.1918

■ 95.4134, 101.6939,
53.3621

■ 26.8878, 28.8526,
9.5041

■ 122.2404,
130.1533, 72.8498

■ 17.6251, 18.9693,
4.9702

■ 153.6762,
163.4811, 96.5839

■ 10.7792, 11.6481,
2.1713

190.0863,
202.0617, 124.9829

■ 5.9848, 6.5046,
0.6578

231.8361,
246.2794, 158.4654

■ 2.8764, 3.1542,
0.0000

279.2908,

■ 1.0887, 1.2128,

296.5188, 197.4498

0.0000

332.8159,
353.1642, 242.3548

■ 0.0157, 0.0721,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1249, 57.8428,
25.4516

■ 54.1249, 57.8428,
25.4516

■ 51.8007, 55.0704,
18.8941

■ 56.8044, 60.8245,
33.6743

■ 49.8049, 52.4894,
13.8800


■ 59.8557, 64.0161,
43.6654


■ 48.1131, 50.0917,
10.2766


■ 63.2991, 67.4286,
55.5237


■ 46.6951, 47.8644,
7.9273


■ 67.1520, 71.0696,
69.3397

 45.5116, 45.7913,
6.6266


 71.4310, 74.9461,
85.1982

 45.1915, 45.2081,
6.3442

 76.1514, 79.0649,
103.1787

 78.0976, 82.1404,
106.3462

 79.5750, 85.0952,
106.8387

 81.0945, 88.1342,
107.3452

Harmonies

Analogous

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



63.2143, 57.8428, 28.5016



54.1249, 57.8428, 25.4516



46.1556, 57.8428, 29.9737

Triad

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



54.1249, 57.8428, 25.4516



41.7445, 57.8428, 93.7007



71.7677, 57.8428, 88.2665

Complementary

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



54.1249, 57.8428, 25.4516



30.4633, 28.5244, 73.7122

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.



64.8582, 57.8428, 114.1540



54.1249, 57.8428, 25.4516



47.4898, 57.8428, 117.8434

Square

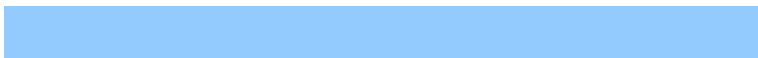
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.1249, 57.8428, 25.4516



39.5111, 57.8428, 65.4685



55.8397, 57.8428, 126.1883



74.0310, 57.8428, 60.5572

Rectangle

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



54.1249, 57.8428, 25.4516



42.3631, 57.8428, 37.6495



55.8397, 57.8428, 126.1883



69.8770, 57.8428, 97.6987

Sweetspot

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



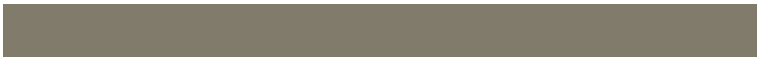
54.1263, 57.8455, 25.4528



87.2781, 92.8151, 80.5401



41.8304, 30.6135, 29.4934



18.4463, 19.6412, 16.4069



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.



54.1263, 57.8455, 25.4528



70.0995, 74.5062, 25.3386



52.1637, 65.6856, 27.0695



14.5923, 15.4705, 14.5238



26.6610, 26.7599, 3.7600



1.9137, 1.9862, 0.2825

Inverse Universe

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



30.4633, 28.5244, 73.7122



34.2392, 30.1172, 98.6163



31.6523, 24.3963, 72.8527



13.2049, 13.7489, 17.3455



8.5974, 4.6643, 41.4955



0.6633, 0.4581, 2.8987

Previews

White Background



This preview shows how the XYZ color 54.1249, 57.8428, 25.4516 looks on a white background.

Color Contrast Check

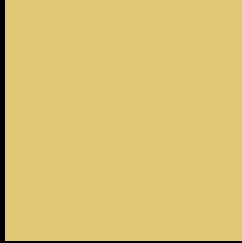
Large Text (above 18pt) WCAG AA × Fail

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 54.1249, 57.8428, 25.4516 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 54.1249, 57.8428, 25.4516

Background



This preview shows how black text looks on a background with the XYZ color 54.1249, 57.8428, 25.4516.

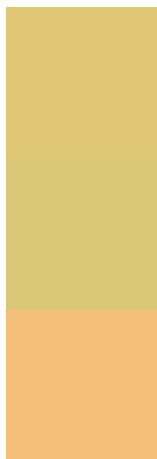


This preview shows how white text looks on a background with the XYZ color 54.1249, 57.8428,

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

54.1249, 57.8428, 25.4516

Protanopia

53.1377, 57.6766, 25.4716

Deuteranopia

58.9831, 57.6724, 25.7924



Tritanopia

62.3754, 57.9106, 65.0171

Trichromacy



Original Color

54.1249, 57.8428, 25.4516

Protanomaly

53.4395, 57.8322, 25.4857

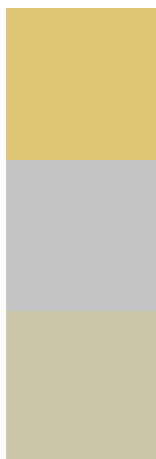
Deuteranomaly

57.2136, 57.7483, 25.5838

Tritanomaly

58.9259, 57.8151, 47.5889

Monochromacy



Original Color

54.1249, 57.8428, 25.4516

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7156, 56.3371, 45.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1249, 57.8428, 25.4516 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(223, 199, 118)` looks like.

```
.text, #text, p{  
    color:rgb(223, 199, 118)  
}
```

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(223, 199, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 199, 118) }
```

Border

The CSS property to change the border of an element to XYZ 54.1249, 57.8428, 25.4516 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(223, 199, 118) }
```


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

```
.border{ border-color:rgb(223, 199, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 199, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 199, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 199, 118); box-shadow:4px 4px 4px 4px rgb(223, 199, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1249, 57.8428, 25.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 199, 118) }
```

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

```
.background{ background-color: rgb(223,  
199, 118) }
```

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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