

Converting Colors

XYZ(52.6785, 57.7464, 28.9624)

Have a look what the booklet for
XYZ(52.6785, 57.7464, 28.9624)
contains.

XYZ(52.5145, 57.6279, 28.7776)	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(52.5145, 57.6279,
28.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C980
RGB	214, 201, 128
RGB Percent	84%, 79%, 50%
CMY	0.1608, 0.2117, 0.4980
CMYK	0.00, 0.06, 0.40, 0.16
HSL	51°, 51%, 67%
HSV	51°, 40%, 84%
XYZ	52.5145, 57.6279, 28.7776
YIQ	196.5650, 31.1810, -19.9470

Conversions

Conversions Part 2

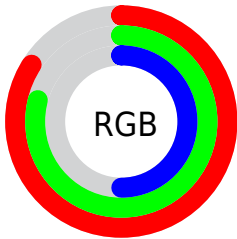
Format	Color
R _Y B	143, 214, 128
Decimal	14076288
CIE Lab	80.53, -5.80, 38.08
CIE LCh	81, 38.523, 98.661
Yxy	57.6279, 0.3780, 0.4148
Android (android.graphics.Color)	4292266368 (0xFFD6C980)
YUV	196.5650, -33.8025, 15.2905
Hunter-Lab	75.9130, -9.3666, 30.6631

Details

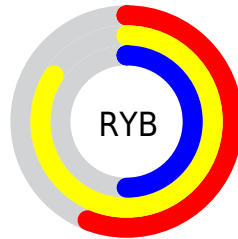
The XYZ color **52.5145, 57.6279, 28.7776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.5645, 28.4933, 67.5072**, and the grayscale version is **52.9939, 55.7537, 60.7158**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **25.8738, 28.6724, 11.1918** is the 20% darker color. If you saturate the color by 10%, you get **50.5065, 55.6333, 21.8768**, and if you desaturate by 10%, it is **54.8383, 59.7784, 37.2506**.

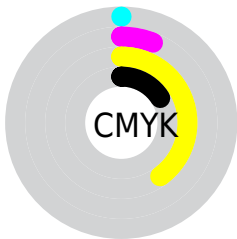
Distribution



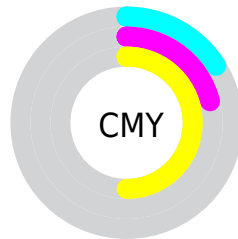
- Red (84%)
- Green (79%)
- Blue (50%)



- Red (56%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5145, 57.6279, 28.7776 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 52.5145, 57.6279, 28.7776 by changing the saturation by 10% instead.

■ 52.5145, 57.6279,
28.7776

■ 52.5145, 57.6279,
28.7776

386.7111,
415.7980, 310.1922

■ 37.6413, 41.5096,
18.6685

■ 93.0593, 101.3808,
58.7615

■ 25.8803, 28.7175,
11.2566

■ 119.4616,
129.7842, 79.4734

■ 16.8663, 18.8672,
6.1234

■ 150.4376,
163.0513, 104.5567

■ 10.2340, 11.5744,
2.8502

186.3527,
201.5667, 134.4298

■ 5.6178, 6.4546,
1.0187

227.5723,
245.7146, 169.5114

■ 2.6525, 3.1234,
0.0000

274.4616,

■ 0.9728, 1.1965,

295.8796, 210.2200

0.0000

327.3861,
352.4459, 256.9741

■ 0.0000, 0.0588,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5145, 57.6279,
28.7776

■ 52.5145, 57.6279,
28.7776

■ 50.5065, 55.6333,
21.8768

■ 54.8383, 59.7784,
37.2506

■ 48.7911, 53.7788,
16.4453


■ 57.4910, 62.0839,
47.3827


■ 47.3487, 52.0586,
12.3738


■ 60.4898, 64.5536,
59.2587


■ 46.1551, 50.4630,
9.5361


■ 63.8498, 67.1937,
72.9568


 45.1819, 48.9802,
7.7824


 67.5849, 70.0097,
88.5501

 44.3907, 47.6145,
6.8509

 71.4818, 72.9166,
104.9146

 72.3408, 74.6346,
105.2009

 73.2164, 76.3857,
105.4927

 74.1085, 78.1700,
105.7901

Harmonies

Analogous

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



60.4983, 57.6279, 30.2842



52.5145, 57.6279, 28.7776



45.8086, 57.6279, 34.5031

Triad

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



52.5145, 57.6279, 28.7776



43.7320, 57.6279, 94.0913



70.2014, 57.6279, 79.9750

Complementary

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



52.5145, 57.6279, 28.7776



30.5645, 28.4933, 67.5072

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.



64.8379, 57.6279, 103.2894



52.5145, 57.6279, 28.7776



49.4219, 57.6279, 112.7089

Square

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



52.5145, 57.6279, 28.7776



41.0680, 57.6279, 69.5392



57.0966, 57.6279, 116.4290



71.2324, 57.6279, 56.4121

Rectangle

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



52.5145, 57.6279, 28.7776



42.7800, 57.6279, 42.7042



57.0966, 57.6279, 116.4290



68.8222, 57.6279, 88.2460

Sweetspot

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



52.5159, 57.6305, 28.7788



89.0515, 95.2688, 84.5010



40.3588, 31.6982, 29.7146



18.9312, 20.2860, 17.5700



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.



52.5159, 57.6305, 28.7788



75.5871, 83.2244, 34.1257



48.0313, 60.0076, 29.4740



13.3055, 14.1853, 13.1975



26.8925, 28.9022, 4.1613



1.6663, 1.8319, 0.2658

Inverse Universe

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



30.5645, 28.4933, 67.5072



38.7418, 34.3379, 99.1937



33.6971, 27.4288, 67.1366



11.8926, 12.3086, 15.6865



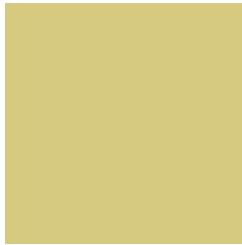
7.7017, 3.6652, 38.7547



0.5136, 0.3192, 2.3539

Previews

White Background



This preview shows how the XYZ color 52.5145, 57.6279, 28.7776 looks on a white background.

Color Contrast Check

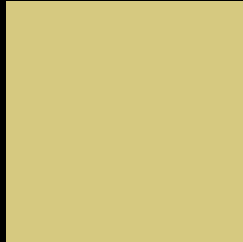
Large Text (above 18pt) WCAG AA × Fail

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 52.5145, 57.6279, 28.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

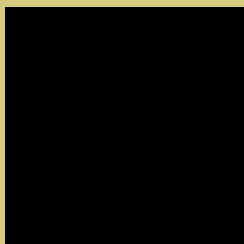
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5145, 57.6279, 28.7776

Background



This preview shows how black text looks on a background with the XYZ color 52.5145, 57.6279, 28.7776.



This preview shows how white text looks on a background with the XYZ color 52.5145, 57.6279,

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

52.5145, 57.6279, 28.7776

Protanopia

53.4640, 57.7725, 28.7554

Deuteranopia

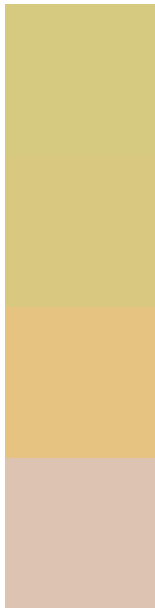
58.5952, 57.3986, 29.1098



Tritanopia

60.2028, 57.4058, 66.2999

Trichromacy



Original Color

52.5145, 57.6279, 28.7776

Protanomaly

53.1658, 57.6188, 28.7415

Deuteranomaly

56.4326, 57.6041, 28.9133

Tritanomaly

57.0662, 57.4602, 50.2027

Monochromacy



Original Color

52.5145, 57.6279, 28.7776

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2691, 56.0632, 47.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5145, 57.6279, 28.7776 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(214, 201, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 128)  
}
```

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(214, 201, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 128) }
```

Border

The CSS property to change the border of an element to XYZ 52.5145, 57.6279, 28.7776 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(214, 201, 128) }
```


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

```
.border{ border-color:rgb(214, 201, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5145, 57.6279, 28.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 128) }
```

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

```
.background{ background-color: rgb(214,  
201, 128) }
```

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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