

Converting Colors

XYZ(58.0039, 65.5313, 35.1042)

Have a look what the booklet for
XYZ(58.0039, 65.5313, 35.1042)
contains.

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Color

**XYZ(57.7982, 65.3056,
35.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D78E
RGB	217, 215, 142
RGB Percent	85%, 84%, 56%
CMY	0.1490, 0.1568, 0.4431
CMYK	0.00, 0.01, 0.35, 0.15
HSL	58°, 50%, 70%
HSV	58°, 35%, 85%
XYZ	57.7982, 65.3056, 35.1501
YIQ	207.2760, 24.6250, -22.2790

Conversions

Conversions Part 2

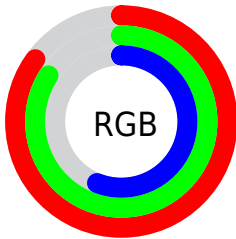
Format	Color
RYB	144, 217, 142
Decimal	14276494
CIELab	84.64, -10.19, 36.32
CIELCh	85, 37.722, 105.674
Yxy	65.3056, 0.3652, 0.4127
Android (android.graphics.Color)	4292466574 (0xFFD9D78E)
YUV	207.2760, -32.1811, 8.5279
Hunter-Lab	80.8119, -13.7542, 30.7794

Details

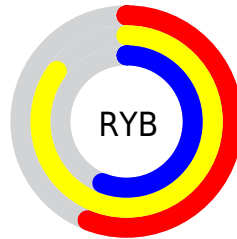
The XYZ color **57.7982, 65.3056, 35.1501** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6528, 30.7062, 69.7989**, and the grayscale version is **59.6775, 62.7854, 68.3733**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **29.1571, 33.4740, 14.8219** is the 20% darker color. If you saturate the color by 10%, you get **56.1790, 64.4255, 27.3400**, and if you desaturate by 10%, it is **59.7384, 66.3195, 44.6335**.

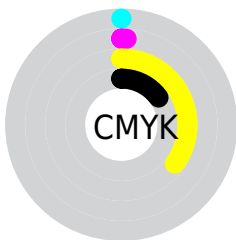
Distribution



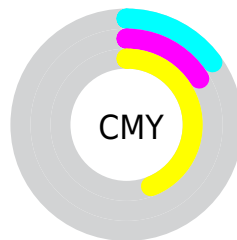
- Red (85%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7982, 65.3056, 35.1501 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 57.7982, 65.3056, 35.1501 by changing the saturation by 10% instead.

■ 57.7982, 65.3056,
35.1501

■ 57.7982, 65.3056,
35.1501

406.3996,
443.8893, 340.1547

■ 41.8891, 47.7089,
23.4940

■ 100.7536,
112.4891, 68.8724

■ 29.2052, 33.5964,
14.7500

■ 128.5306,
142.8447, 91.7758

■ 19.3811, 22.5837,
8.4995

160.9942,
178.2221, 119.2653

■ 12.0516, 14.2865,
4.3238

198.5098,
219.0056, 151.7596

■ 6.8513, 8.3202,
1.8046

241.4428,
265.5797, 189.6771

■ 3.4148, 4.3005,
0.4310

290.1585,

■ 1.3767, 1.8430,

318.3288, 233.4365

0.0000

345.0223,
377.6372, 283.4562

■ 0.2395, 0.5138,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7982, 65.3056,
35.1501

■ 57.7982, 65.3056,
35.1501

■ 56.1790, 64.4255,
27.3400

■ 59.7384, 66.3195,
44.6335

■ 54.8575, 63.6630,
21.1018

■ 62.0116, 67.4652,
55.8756

■ 53.8148, 63.0129,
16.3294

■ 64.6354, 68.7519,
68.9608

■ 53.0280, 62.4659,
12.9021

■ 67.6244, 70.1855,
83.9670

■ 52.4705, 62.0115,
10.6799

■ 70.9926, 71.7717,
100.9675

■ 52.1099, 61.6367,
9.4921

■ 71.8583, 72.3576,
104.7868

■ 51.9666, 61.4544,
9.1229

■ 72.0086, 72.6583,
104.8369

■ 72.1594, 72.9600,
104.8872

■ 72.3108, 73.2628,
104.9377

Harmonies

Analogous

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



66.1645, 65.3056, 34.9738



57.7982, 65.3056, 35.1501



51.1927, 65.3056, 43.3759

Triad

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



57.7982, 65.3056, 35.1501



51.4301, 65.3056, 109.7093



79.1193, 65.3056, 83.2097

Complementary

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



57.7982, 65.3056, 35.1501



33.6528, 30.7062, 69.7989

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.



74.3906, 65.3056, 108.6820



57.7982, 65.3056, 35.1501



58.1500, 65.3056, 126.1686

Square

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



57.7982, 65.3056, 35.1501



47.7493, 65.3056, 84.3860



66.5494, 65.3056, 125.7550



79.0034, 65.3056, 59.2991

Rectangle

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



57.7982, 65.3056, 35.1501



48.4541, 65.3056, 53.6634



66.5494, 65.3056, 125.7550



78.0262, 65.3056, 91.9713

Sweetspot

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



57.7998, 65.3086, 35.1515



90.9968, 98.0332, 88.6216



43.3611, 36.1274, 31.2751



19.3642, 20.9276, 18.4065



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.



57.7998, 65.3086, 35.1515



81.6608, 93.2354, 42.7368



48.9872, 61.5240, 34.8855



14.1310, 15.2013, 13.9149



31.4709, 37.2273, 5.5269



2.0484, 2.4309, 0.3613

Inverse Universe

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



33.6528, 30.7062, 69.7989



42.1396, 36.6047, 99.4522



40.3294, 33.7037, 70.0256



12.3663, 12.6724, 16.4464



7.6317, 3.1327, 39.9408



0.5044, 0.2230, 2.5909

Previews

White Background



This preview shows how the XYZ color 57.7982, 65.3056, 35.1501 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 57.7982, 65.3056, 35.1501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

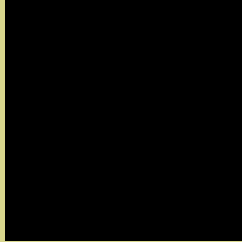
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7982, 65.3056, 35.1501

Background



This preview shows how black text looks on a background with the XYZ color 57.7982, 65.3056, 35.1501.



This preview shows how white text looks on a background with the XYZ color 57.7982, 65.3056,

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

57.7982, 65.3056, 35.1501

Protanopia

60.3410, 65.1400, 34.2039

Deuteranopia

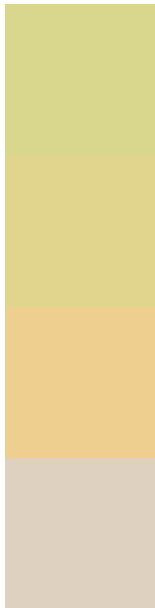
66.3762, 64.9808, 35.8322



Tritanopia

66.2465, 65.0519, 77.4713

Trichromacy



Original Color

57.7982, 65.3056, 35.1501

Protanomaly

59.4025, 65.0176, 34.6181

Deuteranomaly

62.9435, 64.9900, 35.6124

Tritanomaly

62.7463, 65.0947, 59.1266

Monochromacy



Original Color

57.7982, 65.3056, 35.1501

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4578, 63.3610, 53.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7982, 65.3056, 35.1501 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, 215, 142)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 142)  
}
```

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, 215, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 142) }
```

Border

The CSS property to change the border of an element to XYZ 57.7982, 65.3056, 35.1501 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, 215, 142) }
```


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

```
.border{ border-color:rgb(217, 215, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 215, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 142);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7982, 65.3056, 35.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 142) }
```

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

```
.background{ background-color: rgb(217,  
215, 142) }
```

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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