

Converting Colors

XYZ(35.5121, 28.1491, 14.5990)

Have a look what the booklet for
XYZ(35.5121, 28.1491, 14.5990)
contains.

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Color

**XYZ(35.5270, 28.2209,
14.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	D27960
RGB	210, 121, 96
RGB Percent	82%, 47%, 38%
CMY	0.1765, 0.5255, 0.6235
CMYK	0.00, 0.42, 0.54, 0.18
HSL	13°, 56%, 60%
HSV	13°, 54%, 82%
XYZ	35.5270, 28.2209, 14.6410
YIQ	144.7610, 61.0690, 11.0930

Conversions

Conversions Part 2

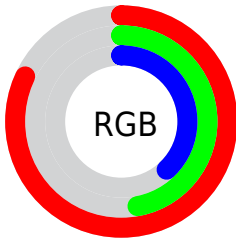
Format	Color
RYB	210, 128, 96
Decimal	13793632
CIELab	60.09, 32.21, 28.72
CIELCh	60, 43.155, 41.727
Yxy	28.2209, 0.4532, 0.3600
Android (android.graphics.Color)	4291983712 (0xFFD27960)
YUV	144.7610, -24.0392, 57.2146
Hunter-Lab	53.1233, 26.4086, 20.8458

Details

The XYZ color **35.5270, 28.2209, 14.6410** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.8046, 41.8355, 67.2658**, and the grayscale version is **26.8944, 28.2950, 30.8133**.

A 20% lighter version of the original color is **61.6425, 53.6387, 34.7082**, and **15.5701, 11.3075, 4.2677** is the 20% darker color. If you saturate the color by 10%, you get **32.8604, 24.2340, 9.6025**, and if you desaturate by 10%, it is **38.7917, 32.9912, 21.1533**.

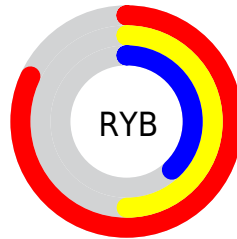
Distribution



Red (82%)

Green (47%)

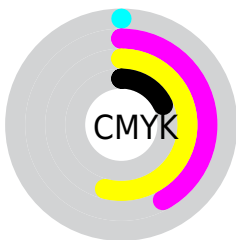
Blue (38%)



Red (82%)

Yellow (50%)

Blue (38%)

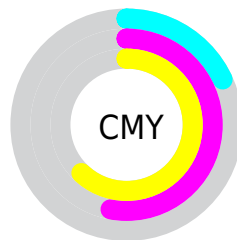


Cyan (0%)

Magenta (42%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5270, 28.2209, 14.6410 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 35.5270, 28.2209, 14.6410 by changing the saturation by 10% instead.


 35.5270, 28.2209,
14.6410


 35.5270, 28.2209,
14.6410


318.3558,
293.5210, 232.7483


 24.2375, 18.4922,
8.4240


 67.6300, 56.8369,
34.9555

 15.6356, 11.3040,
4.2758


 89.1743, 76.4931,
49.8901

 9.3559, 6.2717,
1.7778


 114.8675,
100.2272, 68.5676

 5.0330, 3.0110,
0.4133

 145.0751,
128.4237, 91.4066

 2.3016, 1.1375,
0.0000

180.1624,
161.4669, 118.8257

 0.7955, 0.0097,
0.0000

220.4947,

 0.0000, 0.0000,

199.7412, 151.2433

0.0000

266.4374,
243.6311, 189.0780

■ 35.5270, 28.2209,
14.6410

■ 35.5270, 28.2209,
14.6410

■ 32.8604, 24.2340,
9.6025

■ 38.7917, 32.9912,
21.1533

■ 30.7518, 20.9833,
5.9196

■ 42.6873, 38.5797,
29.2419

■ 29.1588, 18.4235,
3.4582

■ 47.2461, 45.0245,
39.0017

■ 28.0313, 16.5017,
2.0556

■ 52.4980, 52.3600,
50.5200

■ 27.5576, 15.6604,
1.5703

■ 58.4708, 60.6185,
63.8776

■ 65.1908, 69.8310,
79.1505

■ 72.6829, 80.0266,
96.4104

■ 79.4875, 90.6402,
107.9136

■ 80.3882, 92.4416,
108.2138

Harmonies

Analogous

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



38.5836, 28.2209, 24.9673



35.5270, 28.2209, 14.6410



30.2820, 28.2209, 9.9907

Triad

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



35.5270, 28.2209, 14.6410



17.9726, 28.2209, 22.1666



29.0332, 28.2209, 71.0095

Complementary

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



35.5270, 28.2209, 14.6410



33.8046, 41.8355, 67.2658

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.



23.6382, 28.2209, 69.4544



35.5270, 28.2209, 14.6410



17.7340, 28.2209, 37.3123

Square

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



35.5270, 28.2209, 14.6410



20.3749, 28.2209, 13.1975



19.6713, 28.2209, 55.6527



34.5058, 28.2209, 59.3708

Rectangle

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



35.5270, 28.2209, 14.6410



26.5053, 28.2209, 9.2911



19.6713, 28.2209, 55.6527



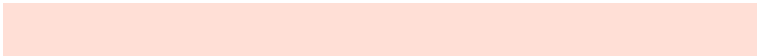
27.1435, 28.2209, 72.0972

Sweetspot

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



35.5277, 28.2223, 14.6415



79.8308, 78.9804, 74.7895



39.5498, 25.5830, 48.9186



16.7139, 16.3850, 15.1862



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.



35.5277, 28.2223, 14.6415



50.4643, 36.8068, 13.9510



44.5503, 46.2676, 17.6491



12.0160, 12.2227, 12.3379



16.8714, 9.6757, 0.9784



1.0036, 0.6616, 0.0748

Inverse Universe

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



33.8046, 41.8355, 67.2658



47.4324, 59.8334, 103.6568



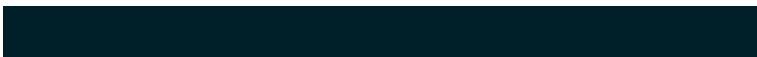
24.2152, 22.6568, 64.0694



11.9292, 12.9487, 15.1143



15.2639, 19.1743, 40.0890



0.9093, 1.1837, 2.2601

Previews

White Background



This preview shows how the XYZ color 35.5270, 28.2209, 14.6410 looks on a white background.

Color Contrast Check

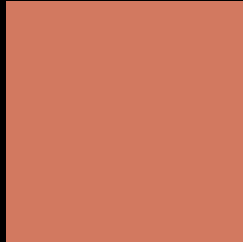
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5270, 28.2209, 14.6410 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 × Fail

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

XYZ 35.5270, 28.2209, 14.6410

Background



This preview shows how black text looks on a background with the XYZ color 35.5270, 28.2209, 14.6410.



This preview shows how white text looks on a background with the XYZ color 35.5270, 28.2209,

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

35.5270, 28.2209, 14.6410

Protanopia

26.4372, 28.3593, 17.7162

Deuteranopia

28.8876, 28.3695, 14.3092



Tritanopia

37.2143, 28.2003, 22.8838

Trichromacy



Original Color

35.5270, 28.2209, 14.6410

Protanomaly

29.1069, 27.7977, 16.4018

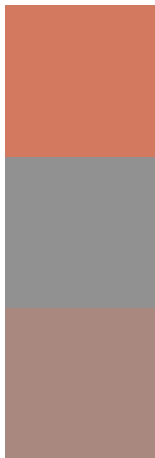
Deuteranomaly

31.0107, 28.0020, 14.3602

Tritanomaly

36.3797, 28.0207, 19.4107

Monochromacy



Original Color

35.5270, 28.2209, 14.6410

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9971, 27.5756, 23.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5270, 28.2209, 14.6410 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(210, 121, 96)` looks like.

```
.text, #text, p{  
    color:rgb(210, 121, 96)  
}
```

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(210, 121, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 121, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.5270, 28.2209, 14.6410 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(210, 121, 96) }
```


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

```
.border{ border-color:rgb(210, 121, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 121, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 121, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 121, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 121,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5270, 28.2209, 14.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 121, 96) }
```

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

```
.background{ background-color: rgb(210,  
121, 96) }
```

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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