

Converting Colors

XYZ(35.2071, 27.6971, 14.6374)

Have a look what the booklet for
XYZ(35.2071, 27.6971, 14.6374)
contains.

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Color

**XYZ(35.2865, 27.7398,
14.5608)**

Conversions

Conversions Part 1	
Format	Color
Hex	D27760
RGB	210, 119, 96
RGB Percent	82%, 47%, 38%
CMY	0.1765, 0.5333, 0.6235
CMYK	0.00, 0.43, 0.54, 0.18
HSL	12°, 56%, 60%
HSV	12°, 54%, 82%
XYZ	35.2865, 27.7398, 14.5608
YIQ	143.5870, 61.6190, 12.1390

Conversions

Conversions Part 2

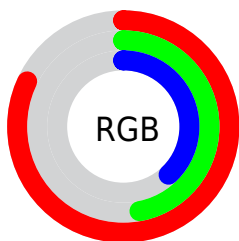
Format	Color
RYB	210, 125, 96
Decimal	13793120
CIELab	59.65, 33.27, 28.16
CIELCh	60, 43.586, 40.248
Yxy	27.7398, 0.4548, 0.3575
Android (android.graphics.Color)	4291983200 (0xFFD27760)
YUV	143.5870, -23.4604, 58.2442
Hunter-Lab	52.6686, 27.4200, 20.4766

Details

The XYZ color **35.2865, 27.7398, 14.5608** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.2260, 42.6784, 67.4065**, and the grayscale version is **26.4178, 27.7936, 30.2672**.

A 20% lighter version of the original color is **61.2590, 52.8716, 34.5803**, and **15.4450, 11.0573, 4.2260** is the 20% darker color. If you saturate the color by 10%, you get **32.6237, 23.7604, 9.5235**, and if you desaturate by 10%, it is **38.5608, 32.5291, 21.0763**.

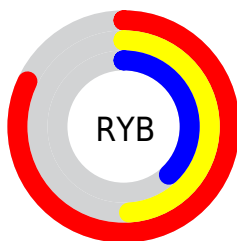
Distribution



Red (82%)

Green (47%)

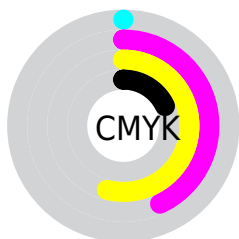
Blue (38%)



Red (82%)

Yellow (49%)

Blue (38%)

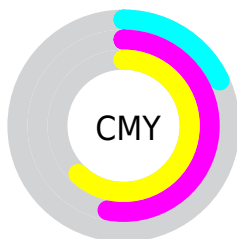


Cyan (0%)

Magenta (43%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2865, 27.7398, 14.5608 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 35.2865, 27.7398, 14.5608 by changing the saturation by 10% instead.


 35.2865, 27.7398,
14.5608


 35.2865, 27.7398,
14.5608


317.3170,
291.2215, 232.2407


 24.0512, 18.1296,
8.3685


 67.2605, 56.0688,
34.8122


 15.4965, 11.0431,
4.2405


 88.7298, 75.5563,
49.7084

 9.2572, 6.0958,
1.7582


 114.3413, 99.1051,
68.3429

 4.9678, 2.9034,
0.4002

 144.4602,
127.0995, 91.1345

 2.2629, 1.0815,
0.0000

179.4518,
159.9240, 118.5015

 0.7756, 0.0000,
0.0000


219.6816,


 0.0000, 0.0000,


197.9629, 150.8625


0.0000


265.5149,
241.6006, 188.6360


 35.2865, 27.7398,
14.5608


 35.2865, 27.7398,
14.5608

 32.6237, 23.7604,
9.5235


 38.5608, 32.5291,
21.0763


 30.5307, 20.5411,
5.8458


 42.4803, 38.1656,
29.1728


 28.9637, 18.0332,
3.3931


 47.0788, 44.6897,
38.9459


 27.8707, 16.1803,
2.0020


 52.3870, 52.1378,
50.4830


 27.4197, 15.3845,
1.5243

 58.4337, 60.5441,
63.8652

 65.2460, 69.9412,
79.1690

 72.8498, 80.3602,
96.4661

 79.7862, 91.2374,
108.0131

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



38.1979, 27.7398, 25.1311



35.2865, 27.7398, 14.5608



30.1026, 27.7398, 9.7296

Triad

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



35.2865, 27.7398, 14.5608



17.6148, 27.7398, 21.0833



28.2918, 27.7398, 70.8706

Complementary

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



35.2865, 27.7398, 14.5608



34.2260, 42.6784, 67.4065

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.



22.9518, 27.7398, 68.6024



35.2865, 27.7398, 14.5608



17.2706, 27.7398, 35.9172

Square

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



35.2865, 27.7398, 14.5608



20.1080, 27.7398, 12.4868



19.0917, 27.7398, 54.2940



33.8034, 27.7398, 59.7094

Rectangle

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



35.2865, 27.7398, 14.5608



26.3202, 27.7398, 8.9164



19.0917, 27.7398, 54.2940



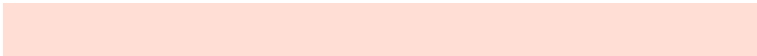
26.4116, 27.7398, 71.7265

Sweetspot

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



35.2872, 27.7412, 14.5613



79.6397, 78.5984, 74.7259



39.7523, 25.6639, 49.9845



16.6689, 16.2950, 15.1712



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.



35.2872, 27.7412, 14.5613



50.0993, 36.0767, 13.8293



44.1758, 45.5185, 17.5242



11.9992, 12.1891, 12.3323



16.7834, 9.4997, 0.9491



0.9959, 0.6460, 0.0722

Inverse Universe

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



34.2260, 42.6784, 67.4065



48.1962, 61.3608, 103.9114



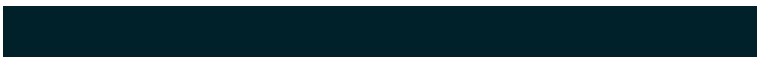
24.4661, 23.1587, 64.1532



11.9473, 12.9849, 15.1203



15.6676, 19.9818, 40.2236



0.9287, 1.2225, 2.2666

Previews

White Background



This preview shows how the XYZ color 35.2865, 27.7398, 14.5608 looks on a white background.

Color Contrast Check

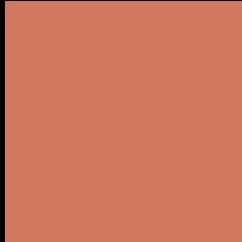
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2865, 27.7398, 14.5608 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 35.2865, 27.7398, 14.5608

Background



This preview shows how black text looks on a background with the XYZ color 35.2865, 27.7398, 14.5608.



This preview shows how white text looks on a background with the XYZ color 35.2865, 27.7398,

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

35.2865, 27.7398, 14.5608

Protanopia

26.0923, 27.9557, 17.6564

Deuteranopia

28.4758, 27.9483, 14.0189



Tritanopia

36.9202, 27.7138, 22.4722

Trichromacy



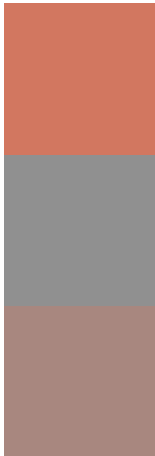
Original Color
35.2865, 27.7398, 14.5608

Protanomaly
28.7414, 27.4012, 16.3445

Deuteranomaly
30.5856, 27.5877, 14.0688

Tritanomaly
36.1466, 27.5546, 19.3330

Monochromacy



Original Color
35.2865, 27.7398, 14.5608

Achromatopsia
26.5089, 27.8894, 30.3716

Achromatomaly
28.6432, 27.1851, 23.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2865, 27.7398, 14.5608 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, 119, 96) looks like.

```
.text, #text, p{  
    color:rgb(210, 119, 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, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 119, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.2865, 27.7398, 14.5608 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, 119, 96) }
```


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

```
.border{ border-color:rgb(210, 119, 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, 119, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 119, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 119, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 119,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2865, 27.7398, 14.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 119, 96) }
```

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

```
.background{ background-color: rgb(210,  
119, 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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