

Converting Colors

XYZ(35.6531, 28.7030, 20.7971)

Have a look what the booklet for
XYZ(35.6531, 28.7030, 20.7971)
contains.

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Color

**XYZ(35.6545, 28.7024,
20.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7C76
RGB	205, 124, 118
RGB Percent	80%, 49%, 46%
CMY	0.1961, 0.5137, 0.5373
CMYK	0.00, 0.40, 0.42, 0.20
HSL	4°, 47%, 63%
HSV	4°, 42%, 80%
XYZ	35.6545, 28.7024, 20.8005
YIQ	147.5350, 50.2020, 15.3060

Conversions

Conversions Part 2

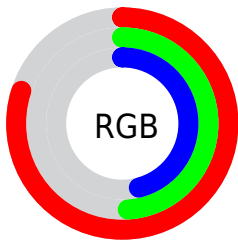
Format	Color
R_{YB}	205, 124, 118
Decimal	13466742
CIE _{Lab}	60.52, 30.78, 16.74
CIE _{LCh}	61, 35.041, 28.539
Yxy	28.7024, 0.4187, 0.3371
Android (android.graphics.Color)	4291656822 (0xFFCD7C76)
YUV	147.5350, -14.5608, 50.3968
Hunter-Lab	53.5746, 25.0381, 14.4827

Details

The XYZ color **35.6545, 28.7024, 20.8005** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.9132, 49.1042, 65.1847**, and the grayscale version is **27.9995, 29.4576, 32.0793**.

A 20% lighter version of the original color is **64.2178, 55.6066, 45.3787**, and **15.7670, 11.6357, 7.2092** is the 20% darker color. If you saturate the color by 10%, you get **32.4014, 23.9385, 14.3450**, and if you desaturate by 10%, it is **39.6367, 34.5008, 28.8057**.

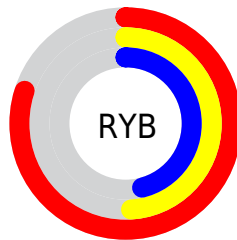
Distribution



Red (80%)

Green (49%)

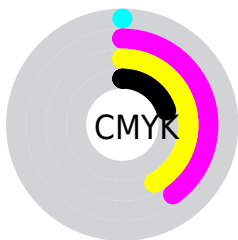
Blue (46%)



Red (80%)

Yellow (49%)

Blue (46%)

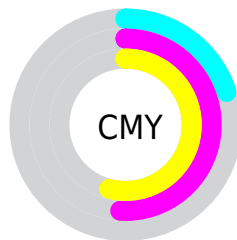


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6545, 28.7024, 20.8005 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 35.6545, 28.7024, 20.8005 by changing the saturation by 10% instead.


 35.6545, 28.7024,
20.8005


 35.6545, 28.7024,
20.8005


318.9055,
295.8082, 268.9625


 24.3363, 18.8558,
12.7884


 67.8258, 57.6039,
45.6317

 15.7094, 11.5661,
7.1540


 89.4097, 77.4276,
63.2880

 9.4083, 6.4490,
3.4787


 115.1462,
101.3459, 84.9961

 5.0677, 3.1200,
1.3440

145.4007,
129.7430, 111.1745

 2.3222, 1.1947,
0.0974

180.5385,
163.0034, 142.2418

 0.8060, 0.0574,
0.0000


220.9250,

 0.0000, 0.0000,


201.5114, 178.6165


0.0000


266.9256,
245.6516, 220.7173


 35.6545, 28.7024,
20.8005


 35.6545, 28.7024,
20.8005


 32.4014, 23.9385,
14.3450


 39.6367, 34.5008,
28.8057


 29.8311, 20.1442,
9.3373


 44.3862, 41.3850,
38.4501


 27.8953, 17.2542,
5.6661

 49.9413, 49.4081,
49.8186

 26.5386, 15.1931,
3.2030

 56.3368, 58.6184,
62.9895

 25.6958, 13.8733,
1.7944

 63.6058, 69.0614,
78.0364

■ 25.3359, 13.2972,
1.2313

■ 71.7793, 80.7803,
95.0289

■ 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



36.9290, 28.7024, 31.8911



35.6545, 28.7024, 20.8005



32.0752, 28.7024, 14.4595

Triad

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



35.6545, 28.7024, 20.8005



20.5156, 28.7024, 19.9736



27.0597, 28.7024, 63.3413

Complementary

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



35.6545, 28.7024, 20.8005



38.9132, 49.1042, 65.1847

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.



22.9896, 28.7024, 57.6698



35.6545, 28.7024, 20.8005



19.4789, 28.7024, 30.6216

Square

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



35.6545, 28.7024, 20.8005



23.3338, 28.7024, 14.0831



20.3329, 28.7024, 44.7231



31.6494, 28.7024, 58.6300

Rectangle

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



35.6545, 28.7024, 20.8005



29.0452, 28.7024, 12.6481



20.3329, 28.7024, 44.7231



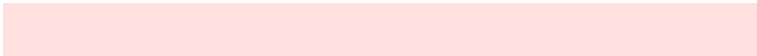
25.5893, 28.7024, 62.5623

Sweetspot

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



35.6552, 28.7038, 20.8010



81.0974, 79.9113, 80.1520



41.9874, 30.0691, 57.7456



16.9025, 16.4467, 16.2212



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.



35.6552, 28.7038, 20.8010



53.4533, 39.7690, 24.2442



42.3207, 42.0348, 23.0229



11.2735, 11.3359, 11.6733



15.7983, 8.3296, 0.7751



0.8372, 0.4741, 0.0474

Inverse Universe

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



38.9132, 49.1042, 65.1847



59.4633, 77.5026, 106.4332



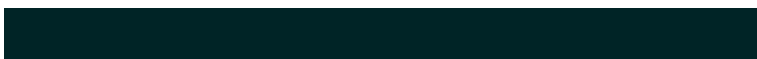
30.3291, 31.9360, 62.3233



11.4744, 12.5893, 14.3956



18.4669, 25.9579, 39.9933



0.9730, 1.3798, 2.0700

Previews

White Background



This preview shows how the XYZ color 35.6545, 28.7024, 20.8005 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 35.6545, 28.7024, 20.8005 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 35.6545, 28.7024, 20.8005

Background



This preview shows how black text looks on a background with the XYZ color 35.6545, 28.7024, 20.8005.



This preview shows how white text looks on a background with the XYZ color 35.6545, 28.7024,

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

35.6545, 28.7024, 20.8005

Protanopia

27.3782, 28.9151, 24.9071

Deuteranopia

29.4140, 28.9455, 20.2564



Tritanopia

36.5099, 28.6796, 25.0842

Trichromacy



Original Color

35.6545, 28.7024, 20.8005

Protanomaly

29.8034, 28.4283, 23.3184

Deuteranomaly

31.3448, 28.6562, 20.4021

Tritanomaly

36.3025, 28.7941, 23.3831

Monochromacy



Original Color

35.6545, 28.7024, 20.8005

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.1102, 28.7064, 27.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6545, 28.7024, 20.8005 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(205, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(205, 124, 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(205, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.6545, 28.7024, 20.8005 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(205, 124, 118) }
```


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

```
.border{ border-color:rgb(205, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 124, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 124, 118); box-shadow:4px 4px 4px 4px rgb(205, 124, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6545, 28.7024, 20.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 124, 118) }
```

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

```
.background{ background-color: rgb(205,  
124, 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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