

Converting Colors

XYZ(36.5648, 28.4426, 20.7023)

Have a look what the booklet for
XYZ(36.5648, 28.4426, 20.7023)
contains.

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Color

**XYZ(36.5648, 28.4426,
20.7023)**

Conversions

Conversions Part 1

Format	Color
Hex	D27876
RGB	210, 120, 118
RGB Percent	82%, 47%, 46%
CMY	0.1765, 0.5294, 0.5373
CMYK	0.00, 0.43, 0.44, 0.18
HSL	1°, 51%, 64%
HSV	1°, 44%, 82%
XYZ	36.5648, 28.4426, 20.7023
YIQ	146.6820, 54.2820, 18.4580

Conversions

Conversions Part 2

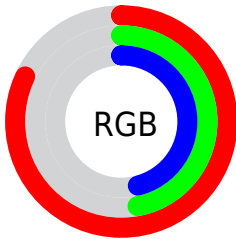
Format	Color
R _Y B	210, 120, 118
Decimal	13793398
CIE Lab	60.29, 34.82, 16.52
CIE LCh	60, 38.546, 25.384
Yxy	28.4426, 0.4266, 0.3318
Android (android.graphics.Color)	4291983478 (0xFFD27876)
YUV	146.6820, -14.1402, 55.5299
Hunter-Lab	53.3316, 29.0515, 14.3169

Details

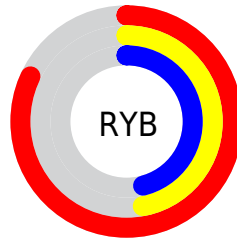
The XYZ color **36.5648, 28.4426, 20.7023** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.6587, 53.6138, 69.1254**, and the grayscale version is **27.6434, 29.0831, 31.6714**.

A 20% lighter version of the original color is **63.6318, 54.4344, 45.1833**, and **16.1825, 11.3738, 7.1368** is the 20% darker color. If you saturate the color by 10%, you get **33.2419, 23.5765, 14.1082**, and if you desaturate by 10%, it is **40.6969, 34.4825, 28.9372**.

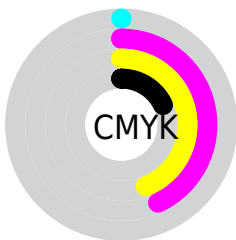
Distribution



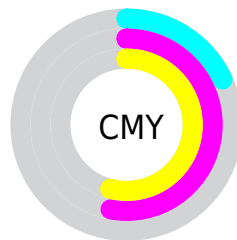
- Red (82%)
- Green (47%)
- Blue (46%)



- Red (82%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5648, 28.4426, 20.7023 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 36.5648, 28.4426, 20.7023 by changing the saturation by 10% instead.


 36.5648, 28.4426,
20.7023


 36.5648, 28.4426,
20.7023


322.8108,
294.5758, 268.4210


 25.0428, 18.6596,
12.7174


 69.2211, 57.1903,
45.4659

 16.2379, 11.4245,
7.1058


 91.0862, 76.9238,
63.0817

 9.7846, 6.3532,
3.4489


 117.1297,
100.7428, 84.7449

 5.3175, 3.0610,
1.3282

147.7170,
129.0319, 110.8741

 2.4714, 1.1637,
0.0847

183.2133,
162.1753, 141.8878

 0.8809, 0.0317,
0.0000

223.9842,

 0.0000, 0.0000,

200.5575, 178.2044

0.0000

270.3949,
244.5629, 220.2427

■ 36.5648, 28.4426,
20.7023

■ 36.5648, 28.4426,
20.7023

■ 33.2419, 23.5765,
14.1082

■ 40.6969, 34.4825,
28.9372

■ 30.6731, 19.8041,
9.0436

■ 45.6842, 41.7611,
38.9109

■ 28.8001, 17.0420,
5.3860


■ 51.5717, 50.3435,
50.7156


■ 27.5549, 15.1929,
2.9937

■ 58.4006, 60.2892,
64.4365

■ 26.8560, 14.1408,
1.6948

■ 66.2098, 71.6538,
80.1534

 26.6279, 13.8010,
1.2604

 75.0358, 84.4899,
97.9419

 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.



37.6604, 28.4426, 33.2126



36.5648, 28.4426, 20.7023



32.8022, 28.4426, 13.5315

Triad

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



36.5648, 28.4426, 20.7023



19.9403, 28.4426, 17.9340



26.2759, 28.4426, 66.8077

Complementary

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



36.5648, 28.4426, 20.7023



41.6587, 53.6138, 69.1254

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.



21.9848, 28.4426, 59.2153



36.5648, 28.4426, 20.7023



18.6218, 28.4426, 28.8291

Square

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



36.5648, 28.4426, 20.7023



23.1598, 28.4426, 12.3085



19.3222, 28.4426, 44.1686



31.3175, 28.4426, 62.6557

Rectangle

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



36.5648, 28.4426, 20.7023



29.5046, 28.4426, 11.3878



19.3222, 28.4426, 44.1686



24.7050, 28.4426, 65.4927

Sweetspot

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



36.5655, 28.4440, 20.7028



80.6783, 79.0731, 80.0123



44.4994, 31.2357, 63.6595



16.8008, 16.2435, 16.1873



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.



36.5655, 28.4440, 20.7028



51.6787, 36.7277, 22.0870



43.3999, 42.1128, 22.9810



11.8291, 11.8489, 12.2756



16.2522, 8.4374, 0.7720



0.9161, 0.4866, 0.0456

Inverse Universe

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



41.6587, 53.6138, 69.1254



60.6023, 80.8572, 107.0207



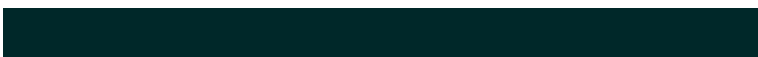
32.1069, 34.5102, 65.9415



12.1354, 13.3610, 15.1830



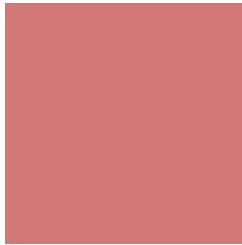
20.4846, 29.6159, 41.8293



1.1525, 1.6703, 2.3412

Previews

White Background



This preview shows how the XYZ color 36.5648, 28.4426, 20.7023 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 36.5648, 28.4426, 20.7023 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 36.5648, 28.4426, 20.7023

Background



This preview shows how black text looks on a background with the XYZ color 36.5648, 28.4426, 20.7023.



This preview shows how white text looks on a background with the XYZ color 36.5648, 28.4426,

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

36.5648, 28.4426, 20.7023

Protanopia

27.1710, 28.5649, 25.5542

Deuteranopia

28.9929, 28.5171, 19.8959



Tritanopia

37.2916, 28.5748, 23.6287

Trichromacy



Original Color

36.5648, 28.4426, 20.7023

Protanomaly

29.8036, 27.9989, 23.5722

Deuteranomaly

31.4896, 28.3272, 20.0277

Tritanomaly

37.0989, 28.4978, 22.6141

Monochromacy



Original Color

36.5648, 28.4426, 20.7023

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.9672, 28.2149, 27.1591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5648, 28.4426, 20.7023 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, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(210, 120, 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(210, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 120, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.5648, 28.4426, 20.7023 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, 120, 118) }
```


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

```
.border{ border-color:rgb(210, 120, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 120, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 120, 118); box-shadow:4px 4px 4px 4px rgb(210, 120, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5648, 28.4426, 20.7023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 120, 118) }
```

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

```
.background{ background-color: rgb(210,  
120, 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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