

Converting Colors

XYZ(36.7244, 28.5988, 21.0183)

Have a look what the booklet for
XYZ(36.7244, 28.5988, 21.0183)
contains.

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Color

**XYZ(36.6246, 28.4665,
21.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	D27877
RGB	210, 120, 119
RGB Percent	82%, 47%, 47%
CMY	0.1765, 0.5294, 0.5333
CMYK	0.00, 0.43, 0.43, 0.18
HSL	1°, 50%, 65%
HSV	1°, 43%, 82%
XYZ	36.6246, 28.4665, 21.0170
YIQ	146.7960, 53.9610, 18.7690

Conversions

Conversions Part 2

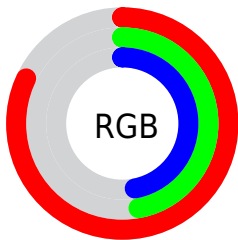
Format	Color
R _Y B	210, 120, 119
Decimal	13793399
CIE Lab	60.31, 34.93, 15.98
CIE LCh	60, 38.412, 24.584
Yxy	28.4665, 0.4253, 0.3306
Android (android.graphics.Color)	4291983479 (0xFFD27877)
YUV	146.7960, -13.7034, 55.4299
Hunter-Lab	53.3540, 29.1610, 13.9925

Details

The XYZ color **36.6246, 28.4665, 21.0170** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.0399, 54.1735, 69.2135**, and the grayscale version is **27.6888, 29.1308, 31.7235**.

A 20% lighter version of the original color is **63.7267, 54.4724, 45.6835**, and **16.2143, 11.3866, 7.3045** is the 20% darker color. If you saturate the color by 10%, you get **33.2674, 23.5523, 14.3482**, and if you desaturate by 10%, it is **40.8036, 34.5783, 29.3350**.

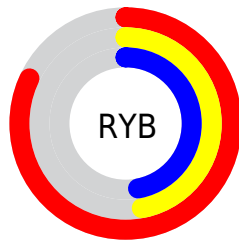
Distribution



Red (82%)

Green (47%)

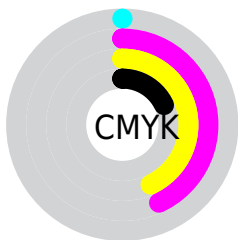
Blue (47%)



Red (82%)

Yellow (47%)

Blue (47%)

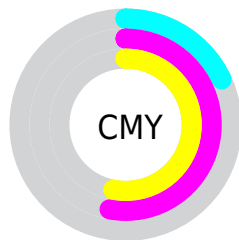


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6246, 28.4665, 21.0170 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 36.6246, 28.4665, 21.0170 by changing the saturation by 10% instead.


 36.6246, 28.4665,
21.0170


 36.6246, 28.4665,
21.0170


323.0662,
294.6894, 270.1528

 25.0893, 18.6776,
12.9451


 69.3126, 57.2284,
45.9970

 16.2727, 11.4376,
7.2604

 91.1961, 76.9701,
63.7421

 9.8094, 6.3620,
3.5446


 117.2596,
100.7983, 85.5487

 5.3341, 3.0664,
1.3790

147.8686,
129.0973, 111.8353

 2.4813, 1.1665,
0.1253

183.3884,
162.2515, 143.0205

 0.8859, 0.0341,
0.0000


224.1844,


 0.0000, 0.0000,


200.6454, 179.5228


0.0000


270.6219,
244.6632, 221.7607


 36.6246, 28.4665,
21.0170


 36.6246, 28.4665,
21.0170


 33.2674, 23.5523,
14.3482


 40.8036, 34.5783,
29.3350


 30.6758, 19.7533,
9.2173


 45.8512, 41.9545,
39.4000


 28.7902, 16.9833,
5.5022


 51.8134, 50.6621,
51.3043


 27.5412, 15.1420,
3.0613

 58.7323, 60.7623,
65.1332

 26.8453, 14.1088,
1.7239

 66.6473, 72.3122,
80.9666

 26.6035, 13.7520,
1.2522

 75.5957, 85.3659,
98.8798

 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.



37.6334, 28.4665, 33.6289



36.6246, 28.4665, 21.0170



32.9302, 28.4665, 13.7170

Triad

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



36.6246, 28.4665, 21.0170



20.0431, 28.4665, 17.7742



26.1717, 28.4665, 66.6394

Complementary

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



36.6246, 28.4665, 21.0170



42.0399, 54.1735, 69.2135

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.



21.9265, 28.4665, 58.8023



36.6246, 28.4665, 21.0170



18.6741, 28.4665, 28.5027

Square

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



36.6246, 28.4665, 21.0170



23.3013, 28.4665, 12.2821



19.3194, 28.4665, 43.7171



31.1950, 28.4665, 62.8173

Rectangle

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



36.6246, 28.4665, 21.0170



29.6555, 28.4665, 11.4986



19.3194, 28.4665, 43.7171



24.6141, 28.4665, 65.2243

Sweetspot

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



36.6253, 28.4679, 21.0175



80.5834, 78.8833, 79.9807



44.8081, 31.5486, 64.7005



16.7778, 16.1975, 16.1797



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.



36.6253, 28.4679, 21.0175



51.9684, 37.0565, 22.9561



43.2733, 41.7639, 23.2335



11.8191, 11.8288, 12.2723



16.2326, 8.3982, 0.7655



0.9114, 0.4771, 0.0441

Inverse Universe

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



42.0399, 54.1735, 69.2135



61.4273, 81.9759, 107.1931



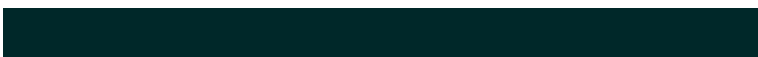
32.6059, 35.3055, 66.0688



12.1467, 13.3837, 15.1868



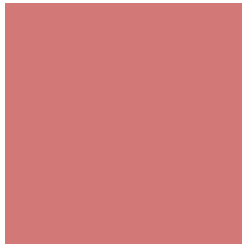
20.8124, 30.2714, 41.9385



1.1674, 1.6999, 2.3462

Previews

White Background



This preview shows how the XYZ color 36.6246, 28.4665, 21.0170 looks on a white background.

Color Contrast Check

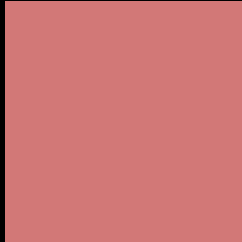
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6246, 28.4665, 21.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

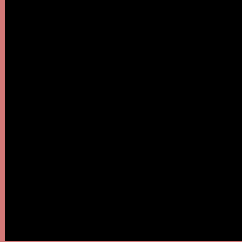
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6246, 28.4665, 21.0170

Background



This preview shows how black text looks on a background with the XYZ color 36.6246, 28.4665, 21.0170.



This preview shows how white text looks on a background with the XYZ color 36.6246, 28.4665,

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

36.6246, 28.4665, 21.0170

Protanopia

27.2392, 28.5921, 25.9130

Deuteranopia

29.0502, 28.5400, 20.1973



Tritanopia

37.2916, 28.5748, 23.6287

Trichromacy



Original Color

36.6246, 28.4665, 21.0170

Protanomaly

29.8685, 28.0249, 23.9138

Deuteranomaly

31.5475, 28.3503, 20.3324

Tritanomaly

37.0989, 28.4978, 22.6141

Monochromacy



Original Color

36.6246, 28.4665, 21.0170

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0386, 28.2435, 27.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6246, 28.4665, 21.0170 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(210, 120, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 120, 119) }
```

Border

The CSS property to change the border of an element to XYZ 36.6246, 28.4665, 21.0170 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, 119) }
```


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

```
.border{ border-color:rgb(210, 120, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 120, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 120, 119);  
box-shadow:4px 4px 4px 4px rgb(210, 120,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6246, 28.4665, 21.0170 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, 119) }
```

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

```
.background{ background-color: rgb(210,  
120, 119) }
```

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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