

Converting Colors

XYZ(34.6537, 28.3752, 20.6588)

Have a look what the booklet for
XYZ(34.6537, 28.3752, 20.6588)
contains.

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Color

**XYZ(34.6910, 28.3927,
20.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	C97D76
RGB	201, 125, 118
RGB Percent	79%, 49%, 46%
CMY	0.2118, 0.5098, 0.5373
CMYK	0.00, 0.38, 0.41, 0.21
HSL	5°, 43%, 63%
HSV	5°, 41%, 79%
XYZ	34.6910, 28.3927, 20.7915
YIQ	146.9260, 47.5430, 13.9350

Conversions

Conversions Part 2

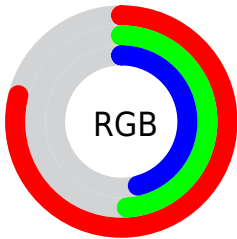
Format	Color
R_{YB}	201, 126, 118
Decimal	13204854
CIE _{Lab}	60.24, 28.70, 16.28
CIE _{LCh}	60, 32.993, 29.570
Yxy	28.3927, 0.4136, 0.3385
Android (android.graphics.Color)	4291394934 (0xFFC97D76)
YUV	146.9260, -14.2605, 47.4229
Hunter-Lab	53.2848, 22.9638, 14.1647

Details

The XYZ color **34.6910, 28.3927, 20.7915** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.3048, 46.6503, 62.2965**, and the grayscale version is **27.7465, 29.1915, 31.7896**.

A 20% lighter version of the original color is **64.4161, 56.0031, 45.4448**, and **15.1232, 11.4036, 7.1984** is the 20% darker color. If you saturate the color by 10%, you get **31.5035, 23.7300, 14.4507**, and if you desaturate by 10%, it is **38.5661, 34.0234, 28.6177**.

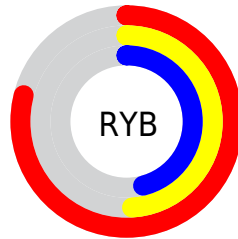
Distribution



Red (79%)

Green (49%)

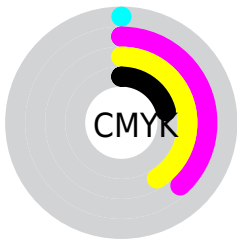
Blue (46%)



Red (79%)

Yellow (49%)

Blue (46%)

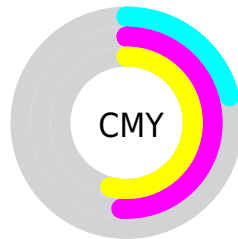


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (21%)



Cyan (21%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6910, 28.3927, 20.7915 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 34.6910, 28.3927, 20.7915 by changing the saturation by 10% instead.


 34.6910, 28.3927,
20.7915


 34.6910, 28.3927,
20.7915


314.7343,
294.3387, 268.9129

 23.5903, 18.6219,
12.7819


 66.3440, 57.1108,
45.6166

 15.1531, 11.3974,
7.1496


 87.6270, 76.8269,
63.2691

 9.0139, 6.3348,
3.4760


 113.0349,
100.6268, 84.9731

 4.8074, 3.0497,
1.3425

142.9330,
128.8951, 111.1470

 2.1683, 1.1577,
0.0962

177.6866,
162.0160, 142.2094

 0.7260, 0.0268,
0.0000

217.6611,

 0.0000, 0.0000,

200.3739, 178.5788

0.0000

263.2219,
244.3534, 220.6738

■ 34.6910, 28.3927,
20.7915

■ 34.6910, 28.3927,
20.7915

■ 31.5035, 23.7300,
14.4507

■ 38.5661, 34.0234,
28.6177

■ 28.9614, 19.9767,
9.4999

■ 43.1636, 40.6678,
38.0133

■ 27.0208, 17.0745,
5.8348


■ 48.5185, 48.3740,
49.0581


■ 25.6318, 14.9568,
3.3362

■ 54.6629, 57.1856,
61.8258


■ 24.7360, 13.5465,
1.8621

■ 61.6270, 67.1439,
76.3859

 24.2872, 12.8172,
1.1939

 69.4394, 78.2879,
92.8039

 77.5258, 90.4143,
107.9734

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



35.9574, 28.3927, 31.0898



34.6910, 28.3927, 20.7915



31.3160, 28.3927, 14.8738

Triad

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



34.6910, 28.3927, 20.7915



20.5672, 28.3927, 20.5602



26.9255, 28.3927, 60.5231

Complementary

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



34.6910, 28.3927, 20.7915



37.3048, 46.6503, 62.2965

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.



23.0755, 28.3927, 55.6434



34.6910, 28.3927, 20.7915



19.6473, 28.3927, 30.7405

Square

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



34.6910, 28.3927, 20.7915



23.1708, 28.3927, 14.7669



20.5164, 28.3927, 43.8838



31.1995, 28.3927, 55.9022

Rectangle

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



34.6910, 28.3927, 20.7915



28.4847, 28.3927, 13.2076



20.5164, 28.3927, 43.8838



25.5416, 28.3927, 59.9242

Sweetspot

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



34.6917, 28.3941, 20.7920



82.2131, 81.5920, 82.2215



40.3129, 29.2734, 54.6136



17.3240, 17.0717, 17.0342



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.



34.6917, 28.3941, 20.7920



54.2292, 41.0569, 25.3165



41.0696, 41.1498, 22.9180



10.7046, 10.7784, 11.0790



15.2992, 8.1156, 0.7601



0.7498, 0.4351, 0.0445

Inverse Universe

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



37.3048, 46.6503, 62.2965



59.3001, 76.6166, 106.2708



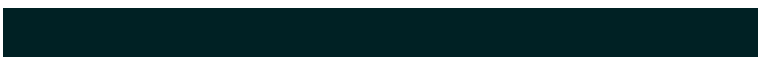
29.3372, 30.7152, 59.6406



10.8672, 11.9085, 13.6433



17.4440, 24.2820, 38.5119



0.8491, 1.1960, 1.8312

Previews

White Background



This preview shows how the XYZ color 34.6910, 28.3927, 20.7915 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 34.6910, 28.3927, 20.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

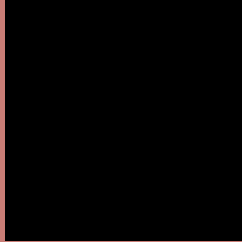
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6910, 28.3927, 20.7915

Background



This preview shows how black text looks on a background with the XYZ color 34.6910, 28.3927, 20.7915.



This preview shows how white text looks on a background with the XYZ color 34.6910, 28.3927,

20.7915.

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

34.6910, 28.3927, 20.7915

Protanopia

26.9706, 28.4847, 24.4987

Deuteranopia

29.0502, 28.5400, 20.1973



Tritanopia

35.6049, 28.3884, 25.4327

Trichromacy



Original Color

34.6910, 28.3927, 20.7915

Protanomaly

29.3041, 28.1782, 22.9632

Deuteranomaly

30.8724, 28.4127, 20.3800

Tritanomaly

35.3955, 28.5042, 23.7150

Monochromacy



Original Color

34.6910, 28.3927, 20.7915

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.6129, 28.4583, 27.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6910, 28.3927, 20.7915 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(201, 125, 118)` looks like.

```
.text, #text, p{  
    color:rgb(201, 125, 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(201, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 125, 118) }
```

Border

The CSS property to change the border of an element to XYZ 34.6910, 28.3927, 20.7915 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(201, 125, 118) }
```


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

```
.border{ border-color:rgb(201, 125, 118) }
```

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

Here you see how a box with a 4 pixel rgb(201, 125, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(201, 125,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6910, 28.3927, 20.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 125, 118) }
```

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

```
.background{ background-color: rgb(201,  
125, 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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