

Converting Colors

XYZ(30.5975, 27.4188, 21.5319)

Have a look what the booklet for
XYZ(30.5975, 27.4188, 21.5319)
contains.

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Color

**XYZ(30.5625, 27.4124,
21.4496)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B58378 |
| RGB | 181, 131, 120 |
| RGB Percent | 71%, 51%, 47% |
| CMY | 0.2902, 0.4863, 0.5294 |
| CMYK | 0.00, 0.28, 0.34, 0.29 |
| HSL | 11°, 29%, 59% |
| HSV | 11°, 34%, 71% |
| XYZ | 30.5625, 27.4124, 21.4496 |
| YIQ | 144.6960, 33.3310, 7.1790 |

Conversions

Conversions Part 2

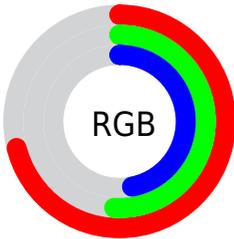
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 181, 133, 120 |
| Decimal | 11895672 |
| CIE Lab | 59.35, 17.74, 13.55 |
| CIE LCh | 59, 22.326, 37.363 |
| Yxy | 27.4124, 0.3848, 0.3451 |
| Android (android.graphics.Color) | 4290085752 (0xFFB58378) |
| YUV | 144.6960, -12.1751, 31.8386 |
| Hunter-Lab | 52.3569, 12.5721, 12.3598 |

Details

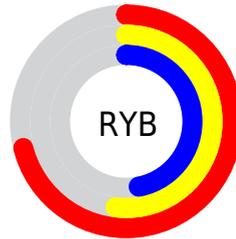
The XYZ color **30.5625, 27.4124, 21.4496** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4604, 36.0775, 49.0743**, and the grayscale version is **26.8292, 28.2264, 30.7386**.

A 20% lighter version of the original color is **59.8468, 55.4367, 46.5758**, and **12.8645, 10.8648, 7.5500** is the 20% darker color. If you saturate the color by 10%, you get **27.7144, 23.3111, 15.5834**, and if you desaturate by 10%, it is **33.9050, 32.1700, 28.5056**.

Distribution



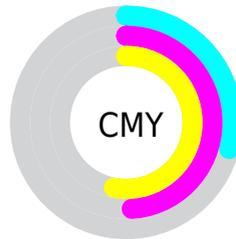
- Red (71%)
- Green (51%)
- Blue (47%)



- Red (71%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (29%)



- Cyan (29%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5625, 27.4124, 21.4496 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 30.5625, 27.4124, 21.4496 by changing the saturation by 10% instead.

■ 30.5625, 27.4124,
21.4496

■ 30.5625, 27.4124,
21.4496

296.3807,
289.6484, 272.5174

■ 20.4161, 17.8832,
13.2586

■ 59.9312, 55.5449,
46.7251

■ 12.8079, 10.8662,
7.4740

■ 79.8841, 74.9170,
64.6466

■ 7.3725, 5.9769,
3.6774

■ 103.8367, 98.3389,
86.6488

■ 3.7445, 2.8310,
1.4501

132.1542,
126.1949, 113.1501

■ 1.5586, 1.0442,
0.1803

165.2020,
158.8695, 144.5690

■ 0.3652, 0.0000,
0.0000

203.3454,

■ 0.0000, 0.0000,

196.7470, 181.3242

0.0000

246.9499,
240.2118, 223.8342

■ 30.5625, 27.4124,
21.4496

■ 30.5625, 27.4124,
21.4496

■ 27.7144, 23.3111,
15.5834

■ 33.9050, 32.1700,
28.5056

■ 25.3348, 19.8332,
10.8396

■ 37.7619, 37.6070,
36.8104

■ 23.3985, 16.9493,
7.1465

■ 42.1548, 43.7502,
46.4213

■ 21.8771, 14.6254,
4.4233

■ 47.1032, 50.6236,
57.3912

■ 20.7388, 12.8244,
2.5775

■ 52.6257, 58.2504,
69.7704

 19.9466, 11.5044,
1.4982

 58.7402, 66.6526,
83.6063

 19.5903, 10.8922,
1.0699

 65.4637, 75.8511,
98.9445

 71.1936, 85.2189,
107.3043

 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



31.7546, 27.4124, 27.9187



30.5625, 27.4124, 21.4496



28.1778, 27.4124, 17.7791

Triad

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



30.5625, 27.4124, 21.4496



21.4038, 27.4124, 24.3081



26.7493, 27.4124, 47.8561

Complementary

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



30.5625, 27.4124, 21.4496



30.4604, 36.0775, 49.0743

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.



24.0410, 27.4124, 46.4206



30.5625, 27.4124, 21.4496



21.0812, 27.4124, 31.8630

Square

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



30.5625, 27.4124, 21.4496



22.9283, 27.4124, 19.2120



22.0134, 27.4124, 40.1928



29.4530, 27.4124, 43.8236

Rectangle

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



30.5625, 27.4124, 21.4496



26.3027, 27.4124, 16.9642



22.0134, 27.4124, 40.1928



25.8082, 27.4124, 48.0077

Sweetspot

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



30.5632, 27.4137, 21.4501



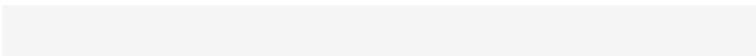
70.2997, 71.0949, 71.7376



33.1075, 26.1909, 41.7553



14.9656, 15.0458, 15.0064



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5632, 27.4137, 21.4501



51.0926, 43.8574, 30.8782



35.1331, 36.5534, 22.9734



8.6163, 8.7450, 8.8864



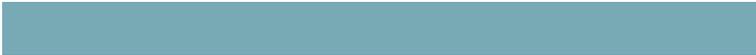
13.5427, 7.5840, 0.7501



0.4633, 0.3129, 0.0360

Inverse Universe

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



30.4604, 36.0775, 49.0743



50.8679, 61.5897, 87.5016



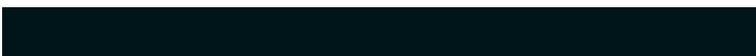
25.5133, 26.1833, 47.4253



8.6097, 9.3656, 10.8603



13.1342, 17.0687, 32.7393



0.4472, 0.6050, 1.0414

Previews

White Background



This preview shows how the XYZ color 30.5625, 27.4124, 21.4496 looks on a white background.

Color Contrast Check

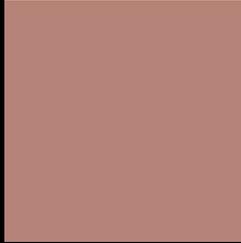
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5625, 27.4124, 21.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

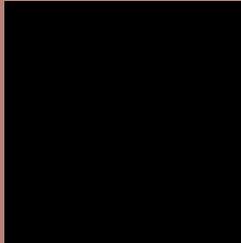
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5625, 27.4124, 21.4496

Background



This preview shows how black text looks on a background with the XYZ color 30.5625, 27.4124, 21.4496.



This preview shows how white text looks on a background with the XYZ color 30.5625, 27.4124,

21.4496.

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

30.5625, 27.4124, 21.4496

Protanopia

26.1660, 27.6353, 23.6937

Deuteranopia

28.1441, 27.6159, 21.2998



Tritanopia

31.8351, 27.3406, 27.6441

Trichromacy



Original Color

30.5625, 27.4124, 21.4496

Protanomaly

27.5687, 27.4975, 22.9233

Deuteranomaly

28.7883, 27.3178, 21.2083

Tritanomaly

31.2384, 27.2843, 25.0927

Monochromacy



Original Color

30.5625, 27.4124, 21.4496

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9226, 27.8028, 27.1874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5625, 27.4124, 21.4496 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(181, 131, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 131, 120)  
}
```

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(181, 131, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 131, 120) }
```

Border

The CSS property to change the border of an element to XYZ 30.5625, 27.4124, 21.4496 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(181, 131, 120) }
```

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

```
.border{ border-color:rgb(181, 131, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 131, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 131, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 131, 120);  
box-shadow:4px 4px 4px 4px rgb(181, 131,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5625, 27.4124, 21.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 131, 120) }
```

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

```
.background{ background-color: rgb(181,  
131, 120) }
```

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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