

Converting Colors

XYZ(29.6473, 26.6556, 20.9786)

Have a look what the booklet for
XYZ(29.6473, 26.6556, 20.9786)
contains.

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Color

**XYZ(29.6725, 26.7622,
21.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	B28277
RGB	178, 130, 119
RGB Percent	70%, 51%, 47%
CMY	0.3020, 0.4902, 0.5333
CMYK	0.00, 0.27, 0.33, 0.30
HSL	11°, 28%, 58%
HSV	11°, 33%, 70%
XYZ	29.6725, 26.7622, 21.0545
YIQ	143.0980, 32.1390, 6.7550

Conversions

Conversions Part 2

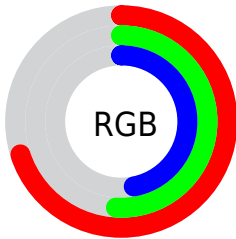
Format	Color
R_{YB}	178, 133, 119
Decimal	11698807
CIE Lab	58.75, 16.98, 13.23
CIE LCh	59, 21.523, 37.936
Yxy	26.7622, 0.3829, 0.3454
Android (android.graphics.Color)	4289888887 (0xFFB28277)
YUV	143.0980, -11.8803, 30.6091
Hunter-Lab	51.7322, 11.8525, 12.0821

Details

The XYZ color **29.6725, 26.7622, 21.0545** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.4618, 34.7724, 47.2784**, and the grayscale version is **26.1852, 27.5488, 30.0007**.

A 20% lighter version of the original color is **58.5451, 54.4694, 45.9561**, and **12.3182, 10.4773, 7.3343** is the 20% darker color. If you saturate the color by 10%, you get **26.9097, 22.7900, 15.3443**, and if you desaturate by 10%, it is **32.9081, 31.3592, 27.9107**.

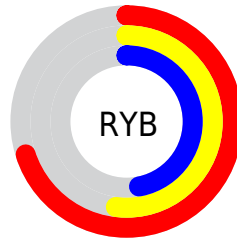
Distribution



Red (70%)

Green (51%)

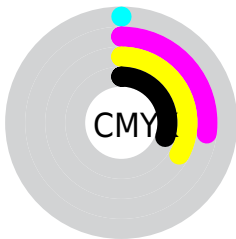
Blue (47%)



Red (70%)

Yellow (52%)

Blue (47%)

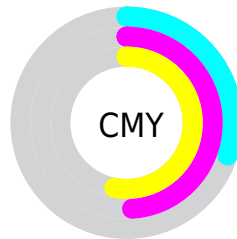


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (30%)



Cyan (30%)


Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6725, 26.7622, 21.0545 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 29.6725, 26.7622, 21.0545 by changing the saturation by 10% instead.


 29.6725, 26.7622,
21.0545


 29.6725, 26.7622,
21.0545


292.3122,
286.5039, 270.3585


 19.7370, 17.3947,
12.9722


 58.5341, 54.5020,
46.0602

 12.3111, 10.5163,
7.2789


 78.1908, 73.6432,
63.8207

 7.0297, 5.7426,
3.5561


 101.8187, 96.8110,
85.6443

 3.5271, 2.6892,
1.3851

129.7830,
124.3899, 111.9496

 1.4383, 0.9717,
0.1301

162.4492,
156.7642, 143.1552

 0.2832, 0.0000,
0.0000

200.1825,

 0.0000, 0.0000,

194.3184, 179.6795

0.0000

243.3484,
237.4368, 221.9411

■ 29.6725, 26.7622,
21.0545

■ 29.6725, 26.7622,
21.0545

■ 26.9097, 22.7900,
15.3443

■ 32.9081, 31.3592,
27.9107

■ 24.5950, 19.4117,
10.7156

■ 36.6352, 36.6024,
35.9691

■ 22.7048, 16.5997,
7.1002


■ 40.8742, 42.5172,
45.2843


■ 21.2123, 14.3224,
4.4213


■ 45.6436, 49.1261,
55.9071

■ 20.0876, 12.5451,
2.5911


■ 50.9612, 56.4508,
67.8854


 19.2961, 11.2288,
1.5047

 56.8437, 64.5119,
81.2645

 18.9095, 10.5637,
1.0424

 63.3071, 73.3293,
96.0880

 69.3190, 82.5029,
106.8789

 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



30.8266, 26.7622, 27.1701



29.6725, 26.7622, 21.0545



27.3999, 26.7622, 17.5960

Triad

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



29.6725, 26.7622, 21.0545



20.9990, 26.7622, 23.9924



26.1469, 26.7622, 46.1215

Complementary

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



29.6725, 26.7622, 21.0545



29.4618, 34.7724, 47.2784

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.



23.5695, 26.7622, 44.8708



29.6725, 26.7622, 21.0545



20.7147, 26.7622, 31.2018

Square

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



29.6725, 26.7622, 21.0545



22.4298, 26.7622, 19.0755



21.6244, 26.7622, 39.0673



28.7009, 26.7622, 42.2364

Rectangle

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



29.6725, 26.7622, 21.0545



25.6207, 26.7622, 16.8497



21.6244, 26.7622, 39.0673



25.2535, 26.7622, 46.2987

Sweetspot

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



29.6732, 26.7635, 21.0550



68.6222, 69.4355, 70.0066



31.9491, 25.4557, 39.8778



14.9745, 15.0635, 15.0093



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.



29.6732, 26.7635, 21.0550



49.9515, 42.9941, 30.1803



34.1426, 35.7023, 22.5448



8.6204, 8.7533, 8.8877



13.5649, 7.6284, 0.7575



0.4650, 0.3163, 0.0366

Inverse Universe

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



29.4618, 34.7724, 47.2784



49.4924, 59.8055, 85.3163



24.6870, 25.2228, 45.6868



8.6053, 9.3567, 10.8588



13.0157, 16.8319, 32.6999



0.4444, 0.5993, 1.0405

Previews

White Background



This preview shows how the XYZ color 29.6725, 26.7622, 21.0545 looks on a white background.

Color Contrast Check

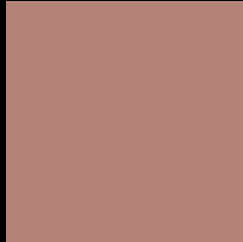
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6725, 26.7622, 21.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

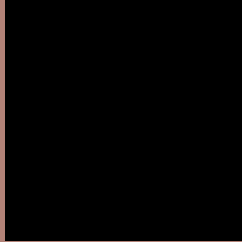
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6725, 26.7622, 21.0545

Background



This preview shows how black text looks on a background with the XYZ color 29.6725, 26.7622, 21.0545.



This preview shows how white text looks on a background with the XYZ color 29.6725, 26.7622,

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

29.6725, 26.7622, 21.0545

Protanopia

25.4393, 26.8263, 23.2392

Deuteranopia

27.3840, 26.8088, 20.8709



Tritanopia

30.9271, 26.6882, 27.1882

Trichromacy



Original Color

29.6725, 26.7622, 21.0545

Protanomaly

26.8189, 26.6923, 22.4775

Deuteranomaly

28.1573, 26.7932, 20.8271

Tritanomaly

30.3388, 26.6338, 24.6609

Monochromacy



Original Color

29.6725, 26.7622, 21.0545

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1019, 26.9661, 26.3308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6725, 26.7622, 21.0545 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(178, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 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(178, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 119) }
```

Border

The CSS property to change the border of an element to XYZ 29.6725, 26.7622, 21.0545 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(178, 130, 119) }
```


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

```
.border{ border-color:rgb(178, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6725, 26.7622, 21.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 119) }
```

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

```
.background{ background-color: rgb(178,  
130, 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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