

Converting Colors

XYZ(29.3055, 20.9822, 17.9497)

Have a look what the booklet for
XYZ(29.3055, 20.9822, 17.9497)
contains.

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Color

**XYZ(29.3556, 21.0049,
17.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	C26070
RGB	194, 96, 112
RGB Percent	76%, 38%, 44%
CMY	0.2392, 0.6235, 0.5608
CMYK	0.00, 0.51, 0.42, 0.24
HSL	350°, 45%, 57%
HSV	350°, 51%, 76%
XYZ	29.3556, 21.0049, 17.8364
YIQ	127.1260, 53.2720, 25.7520

Conversions

Conversions Part 2

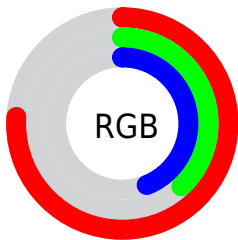
Format	Color
RYB	194, 96, 112
Decimal	12738672
CIELab	52.95, 40.76, 9.46
CIELCh	53, 41.840, 13.061
Yxy	21.0049, 0.4305, 0.3080
Android (android.graphics.Color)	4290928752 (0xFFC26070)
YUV	127.1260, -7.4571, 58.6485
Hunter-Lab	45.8311, 34.1279, 9.0075

Details

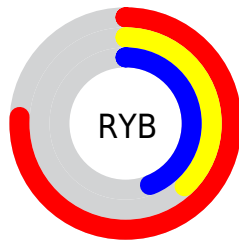
The XYZ color **29.3556, 21.0049, 17.8364** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.1526, 44.2851, 48.9753**, and the grayscale version is **20.2287, 21.2822, 23.1763**.

A 20% lighter version of the original color is **57.9563, 45.0579, 40.7644**, and **12.1803, 7.5653, 5.6688** is the 20% darker color. If you saturate the color by 10%, you get **26.9751, 17.5623, 12.9784**, and if you desaturate by 10%, it is **32.3369, 25.3882, 23.6991**.

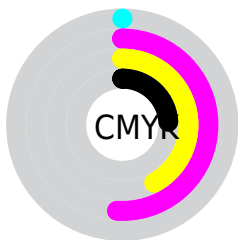
Distribution



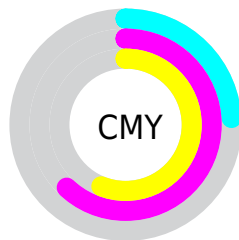
- Red (76%)
- Green (38%)
- Blue (44%)



- Red (76%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (42%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3556, 21.0049, 17.8364 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 29.3556, 21.0049, 17.8364 by changing the saturation by 10% instead.


 29.3556, 21.0049,
17.8364


 29.3556, 21.0049,
17.8364


290.8531,
257.3045, 252.1524


 19.4956, 13.1276,
10.6644

 58.0352, 45.0957,
40.5685


 12.1351, 7.5165,
5.7303


 77.5856, 62.0780,
56.9657

 6.9086, 3.7871,
2.6157


 101.0969, 82.8640,
77.2750

 3.4508, 1.5552,
0.9005

 128.9343,
107.8382, 101.9150

 1.3964, 0.3271,
0.0000

161.4633,
137.3849, 131.3042

 0.2537, 0.0000,
0.0000

199.0492,

 0.0000, 0.0000,

171.8887, 165.8611

0.0000

242.0573,
211.7337, 206.0043

■ 29.3556, 21.0049,
17.8364

■ 29.3556, 21.0049,
17.8364

■ 26.9751, 17.5623,
12.9784

■ 32.3369, 25.3882,
23.6991

■ 25.1522, 14.9883,
9.0668

■ 35.9548, 30.7711,
30.6177

■ 23.8406, 13.2054,
6.0391

■ 40.2444, 37.2112,
38.6415

■ 22.9855, 12.1210,
3.8245

■ 45.2374, 44.7610,
47.8162

■ 22.5043, 11.5718,
2.3902

■ 50.9637, 53.4695,
58.1850

■ 57.4515, 63.3827,
69.7886

■ 64.7274, 74.5441,
82.6660

■ 72.8168, 86.9951,
96.8546

■ 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



29.1650, 21.0049, 30.6522



29.3556, 21.0049, 17.8364



26.7801, 21.0049, 10.0282

Triad

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



29.3556, 21.0049, 17.8364



14.7434, 21.0049, 9.3759



17.6074, 21.0049, 54.6195

Complementary

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



29.3556, 21.0049, 17.8364



32.1526, 44.2851, 48.9753

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.



14.4162, 21.0049, 43.6366



29.3556, 21.0049, 17.8364



12.9363, 21.0049, 16.5321

Square

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



29.3556, 21.0049, 17.8364



18.1191, 21.0049, 6.4911



12.8261, 21.0049, 28.7731



21.9312, 21.0049, 55.3786

Rectangle

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



29.3556, 21.0049, 17.8364



24.0331, 21.0049, 7.3916



12.8261, 21.0049, 28.7731



16.3832, 21.0049, 51.8576

Sweetspot

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



29.3562, 21.0060, 17.8368



77.5219, 74.3759, 78.5116



32.2049, 21.6875, 53.5275



16.5555, 15.6513, 16.4185



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.



29.3562, 21.0060, 17.8368



48.3308, 31.0453, 22.3785



32.1666, 27.9278, 14.7630



10.1388, 10.1041, 10.8213



14.8164, 7.6163, 1.6795



0.6617, 0.3377, 0.1857

Inverse Universe

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



29.3562, 21.0060, 17.8368



48.3308, 31.0453, 22.3785



27.3656, 31.9892, 55.7710



10.1388, 10.1041, 10.8213



14.8164, 7.6163, 1.6795



0.6617, 0.3377, 0.1857

Previews

White Background



This preview shows how the XYZ color 29.3556, 21.0049, 17.8364 looks on a white background.

Color Contrast Check

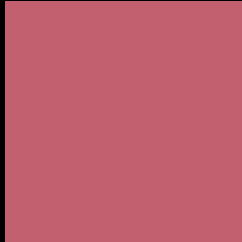
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3556, 21.0049, 17.8364 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 29.3556, 21.0049, 17.8364

Background



This preview shows how black text looks on a background with the XYZ color 29.3556, 21.0049, 17.8364.



This preview shows how white text looks on a background with the XYZ color 29.3556, 21.0049,

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

29.3556, 21.0049, 17.8364

Protanopia

20.4104, 21.1473, 23.4282

Deuteranopia

21.5204, 21.1128, 17.1283



Tritanopia

28.7657, 20.8863, 15.6120

Trichromacy



Original Color

29.3556, 21.0049, 17.8364

Protanomaly

22.7805, 20.4389, 21.1568

Deuteranomaly

23.7697, 20.7009, 17.2109

Tritanomaly

28.9209, 20.9484, 16.4291

Monochromacy



Original Color

29.3556, 21.0049, 17.8364

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.5207, 20.4752, 21.1775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3556, 21.0049, 17.8364 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(194, 96, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 96, 112)  
}
```

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(194, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 96, 112) }
```

Border

The CSS property to change the border of an element to XYZ 29.3556, 21.0049, 17.8364 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(194, 96, 112) }
```


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

```
.border{ border-color:rgb(194, 96, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 96, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 96,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3556, 21.0049, 17.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 96, 112) }
```

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

```
.background{ background-color: rgb(194, 96,  
112) }
```

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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