

Converting Colors

XYZ(26.6904, 17.4111, 10.3414)

Have a look what the booklet for
XYZ(26.6904, 17.4111, 10.3414)
contains.

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Color

**XYZ(26.6904, 17.4111,
10.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	C34C54
RGB	195, 76, 84
RGB Percent	76%, 30%, 33%
CMY	0.2353, 0.7019, 0.6706
CMYK	0.00, 0.61, 0.57, 0.24
HSL	356°, 50%, 53%
HSV	356°, 61%, 76%
XYZ	26.6904, 17.4111, 10.3414
YIQ	112.4930, 68.3560, 27.7160

Conversions

Conversions Part 2

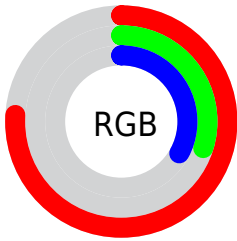
Format	Color
RYB	195, 76, 84
Decimal	12799060
CIELab	48.77, 48.22, 20.43
CIElCh	49, 52.373, 22.958
Yxy	17.4111, 0.4902, 0.3198
Android (android.graphics.Color)	4290989140 (0xFFC34C54)
YUV	112.4930, -14.0470, 72.3586
Hunter-Lab	41.7266, 41.1558, 14.5144

Details

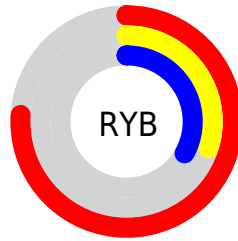
The XYZ color **26.6904, 17.4111, 10.3414** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.4665, 44.1551, 53.8818**, and the grayscale version is **15.5728, 16.3838, 17.8420**.

A 20% lighter version of the original color is **53.4563, 38.9187, 26.8849**, and **10.7200, 5.7816, 2.4704** is the 20% darker color. If you saturate the color by 10%, you get **24.9223, 14.8710, 6.6818**, and if you desaturate by 10%, it is **29.0514, 20.8413, 15.1116**.

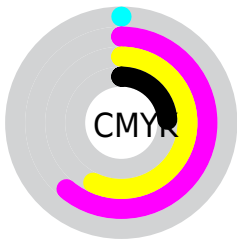
Distribution



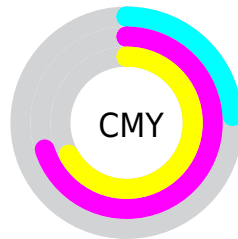
- Red (76%)
- Green (30%)
- Blue (33%)



- Red (76%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (57%)
- Black (24%)





- Cyan (24%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6904, 17.4111, 10.3414 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 26.6904, 17.4111, 10.3414 by changing the saturation by 10% instead.


 26.6904, 17.4111,
10.3414


 26.6904, 17.4111,
10.3414


278.3499,
237.5304, 203.6642


 17.4762, 10.5280,
5.5173


 53.8101, 39.0313,
27.0535


 10.6720, 5.7504,
2.4899


 72.4463, 54.5371,
39.7786


 5.9124, 2.6939,
0.8348

 94.9538, 73.6861,
55.9745

 2.8320, 0.9741,
0.0000

 121.6981, 96.8625,
76.0596

 1.0656, 0.0000,
0.0000

 153.0446,
124.4507, 100.4526

 0.0000, 0.0000,
0.0000

189.3584,

156.8352, 129.5721

231.0051,
194.4003, 163.8364

■ 26.6904, 17.4111,
10.3414

■ 26.6904, 17.4111,
10.3414

■ 24.9223, 14.8710,
6.6818

■ 29.0514, 20.8413,
15.1116

■ 23.6931, 13.1359,
4.0421

■ 32.0505, 25.2305,
21.0714

■ 22.9412, 12.1097,
2.3188

■ 35.7299, 30.6444,
28.2937

■ 22.5789, 11.6314,
1.4392

■ 40.1278, 37.1418,
36.8454

■ 45.2797, 44.7773,
46.7886

■ 51.2186, 53.6017,
58.1812

■ 57.9755, 63.6628,
71.0784

■ 65.5800, 75.0056,
85.5320

■ 74.0600, 87.6731,
101.5915

Harmonies

Analogous

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



27.6188, 17.4111, 22.4192



26.6904, 17.4111, 10.3414



22.8167, 17.4111, 4.6434

Triad

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



26.6904, 17.4111, 10.3414



10.1727, 17.4111, 7.0024



15.4330, 17.4111, 59.6591

Complementary

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



26.6904, 17.4111, 10.3414



31.4665, 44.1551, 53.8818

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.



11.5487, 17.4111, 49.2098



26.6904, 17.4111, 10.3414



8.9200, 17.4111, 15.8722

Square

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



26.6904, 17.4111, 10.3414



13.1755, 17.4111, 3.4774



9.3694, 17.4111, 31.3800



20.4535, 17.4111, 55.6479

Rectangle

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



26.6904, 17.4111, 10.3414



19.4309, 17.4111, 3.1822



9.3694, 17.4111, 31.3800



13.9667, 17.4111, 57.6003

Sweetspot

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



26.6908, 17.4121, 10.3417



74.2636, 70.0658, 70.6228



32.4631, 19.4347, 53.6699



15.6970, 14.5059, 14.3705



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.



26.6908, 17.4121, 10.3417



43.8530, 25.5206, 10.3093



31.2186, 26.9404, 10.3934



10.1000, 10.0886, 10.6173



14.6867, 7.5644, 0.9963



0.6442, 0.3307, 0.0938

Inverse Universe

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



26.6908, 17.4121, 10.3417



43.8530, 25.5206, 10.3093



23.0210, 25.8562, 55.4071



10.1000, 10.0886, 10.6173



14.6867, 7.5644, 0.9963



0.6442, 0.3307, 0.0938

Previews

White Background



This preview shows how the XYZ color 26.6904, 17.4111, 10.3414 looks on a white 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

Black Background



This preview shows how the XYZ color 26.6904, 17.4111, 10.3414 looks on a black 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

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

XYZ 26.6904, 17.4111, 10.3414

Background



This preview shows how black text looks on a background with the XYZ color 26.6904, 17.4111, 10.3414.

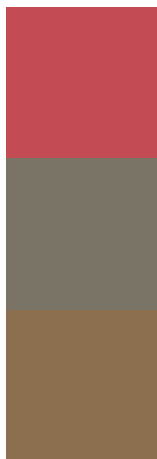


This preview shows how white text looks on a background with the XYZ color 26.6904, 17.4111,

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

26.6904, 17.4111, 10.3414

Protanopia

16.6697, 17.5877, 15.0865

Deuteranopia

17.8748, 17.4944, 9.6424



Tritanopia

26.5753, 17.3651, 9.7357

Trichromacy



Original Color

26.6904, 17.4111, 10.3414

Protanomaly

19.1137, 16.5231, 13.0084

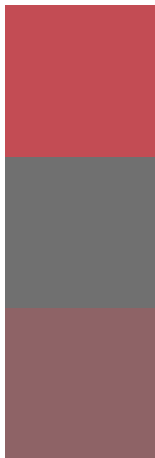
Deuteranomaly

20.3129, 16.7881, 9.7592

Tritanomaly

26.6131, 17.3802, 9.9347

Monochromacy



Original Color

26.6904, 17.4111, 10.3414

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.0154, 15.6338, 14.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6904, 17.4111, 10.3414 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(195, 76, 84)` looks like.

```
.text, #text, p{  
    color:rgb(195, 76, 84)  
}
```

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(195, 76, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 76, 84) }
```

Border

The CSS property to change the border of an element to XYZ 26.6904, 17.4111, 10.3414 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(195, 76, 84) }
```


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

```
.border{ border-color:rgb(195, 76, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 76, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 76, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 76, 84);  
box-shadow:4px 4px 4px 4px rgb(195, 76,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6904, 17.4111, 10.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 76, 84) }
```

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

```
.background{ background-color: rgb(195, 76,  
84) }
```

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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