

Converting Colors

XYZ(26.5921, 17.6394, 5.4755)

Have a look what the booklet for
XYZ(26.5921, 17.6394, 5.4755)
contains.

XYZ(26.6789, 17.7209, 5.5044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6789, 17.7209,
5.5044)**

Conversions

Conversions Part 1

Format	Color
Hex	C64E36
RGB	198, 78, 54
RGB Percent	78%, 31%, 21%
CMY	0.2235, 0.6941, 0.7882
CMYK	0.00, 0.61, 0.73, 0.22
HSL	10°, 57%, 49%
HSV	10°, 73%, 78%
XYZ	26.6789, 17.7209, 5.5044
YIQ	111.1440, 79.2240, 17.9760

Conversions

Conversions Part 2

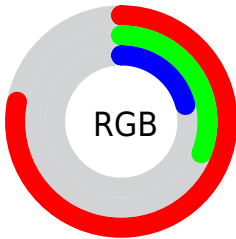
Format	Color
RYB	198, 83, 54
Decimal	12996150
CIELab	49.16, 46.53, 38.39
CIElCh	49, 60.322, 39.521
Yxy	17.7209, 0.5346, 0.3551
Android (android.graphics.Color)	4291186230 (0xFFC64E36)
YUV	111.1440, -28.1720, 76.1727
Hunter-Lab	42.0962, 39.4579, 21.7147

Details

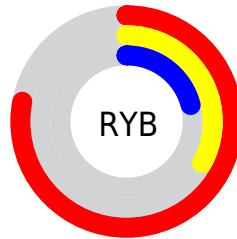
The XYZ color **26.6789, 17.7209, 5.5044** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **26.8489, 35.1306, 58.7913**, and the grayscale version is **15.2152, 16.0075, 17.4322**.

A 20% lighter version of the original color is **51.7546, 38.4519, 17.2646**, and **10.6340, 5.8744, 0.8318** is the 20% darker color. If you saturate the color by 10%, you get **25.2762, 15.5144, 3.1910**, and if you desaturate by 10%, it is **28.5657, 20.5932, 8.9128**.

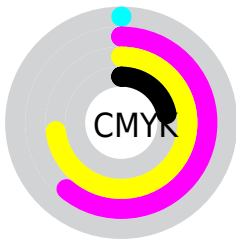
Distribution



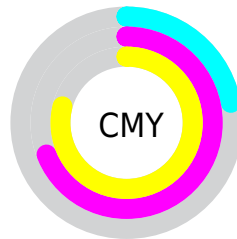
- Red (78%)
- Green (31%)
- Blue (21%)



- Red (78%)
- Yellow (33%)
- Blue (21%)



- Cyan (0%)
- Magenta (61%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6789, 17.7209, 5.5044 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 26.6789, 17.7209, 5.5044 by changing the saturation by 10% instead.

■ 26.6789, 17.7209,
5.5044

■ 26.6789, 17.7209,
5.5044

278.2950,
239.2932, 163.7122

■ 17.4676, 10.7498,
2.4823

■ 53.7917, 39.5612,
17.3528

■ 10.6658, 5.8989,
0.8307

■ 72.4239, 55.1991,
27.0161

■ 5.9082, 2.7837,
0.0000

■ 94.9270, 74.4948,
39.7303

■ 2.8295, 1.0199,
0.0000

■ 121.6665, 97.8326,
55.9138

■ 1.0642, 0.0000,
0.0000

■ 153.0077,
125.5970, 75.9852

■ 0.0000, 0.0000,
0.0000

■ 189.3160,

158.1723, 100.3630

230.9566,
195.9429, 129.4658

■ 26.6789, 17.7209,
5.5044

■ 26.6789, 17.7209,
5.5044

■ 25.2762, 15.5144,
3.1910

■ 28.5657, 20.5932,
8.9128

■ 24.3093, 13.9160,
1.8347

■ 30.9761, 24.1768,
13.5300

■ 23.8326, 13.0939,
1.2713

■ 33.9465, 28.5164,
19.4564

■ 37.5098, 33.6523,
26.7817

■ 41.6964, 39.6218,
35.5875

■ 46.5345, 46.4600,
45.9492

■ 52.0504, 54.1997,
57.9370

■ 58.2692, 62.8723,
71.6170

■ 65.2146, 72.5075,
87.0514

Harmonies

Analogous

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



29.9742, 17.7209, 14.5969



26.6789, 17.7209, 5.5044



20.9328, 17.7209, 2.3683

Triad

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



26.6789, 17.7209, 5.5044



8.5846, 17.7209, 10.3354



18.7029, 17.7209, 69.0485

Complementary

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



26.6789, 17.7209, 5.5044



26.8489, 35.1306, 58.7913

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.



13.3242, 17.7209, 65.5163



26.6789, 17.7209, 5.5044



8.2468, 17.7209, 24.9064

Square

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



26.6789, 17.7209, 5.5044



10.8377, 17.7209, 3.8785



9.7817, 17.7209, 46.6032



24.7366, 17.7209, 54.5745

Rectangle

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



26.6789, 17.7209, 5.5044



16.9341, 17.7209, 1.9157



9.7817, 17.7209, 46.6032



16.7526, 17.7209, 70.0525

Sweetspot

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



26.6793, 17.7219, 5.5047



74.1547, 70.6140, 63.6935



32.2476, 17.7001, 41.7609



15.4085, 14.4557, 12.6503



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.



26.6793, 17.7219, 5.5047



43.7153, 25.7680, 4.1196



34.8607, 34.0846, 8.2318



10.7744, 10.9179, 11.1023



15.5420, 8.6011, 0.8410



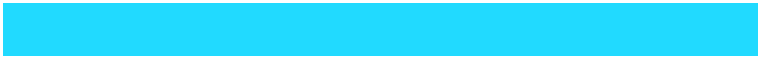
0.7817, 0.4989, 0.0551

Inverse Universe

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



26.8489, 35.1306, 58.7913



43.7571, 57.6959, 103.4379



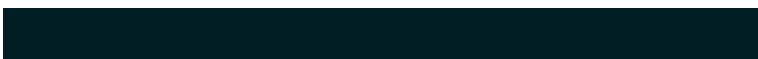
16.4657, 14.3643, 55.3303



10.7904, 11.7549, 13.6177



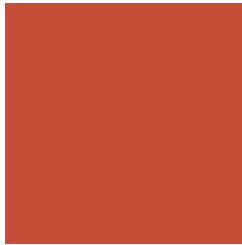
15.4318, 20.2576, 37.8411



0.7718, 1.0414, 1.8055

Previews

White Background



This preview shows how the XYZ color 26.6789, 17.7209, 5.5044 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 26.6789, 17.7209, 5.5044 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 26.6789, 17.7209, 5.5044

Background



This preview shows how black text looks on a background with the XYZ color 26.6789, 17.7209, 5.5044.



This preview shows how white text looks on a background with the XYZ color 26.6789, 17.7209,

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

26.6789, 17.7209, 5.5044

Protanopia

16.5448, 18.0292, 7.9182

Deuteranopia

18.1613, 17.9046, 5.1880



Tritanopia

27.4805, 17.7388, 9.3727

Trichromacy



Original Color

26.6789, 17.7209, 5.5044

Protanomaly

19.0462, 16.9183, 6.8191

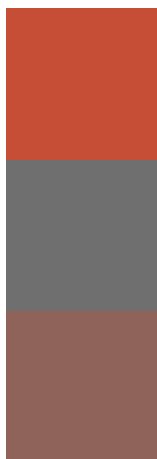
Deuteranomaly

20.6499, 17.3440, 5.2770

Tritanomaly

27.2431, 17.7532, 7.7852

Monochromacy



Original Color

26.6789, 17.7209, 5.5044

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.6350, 15.5015, 11.7355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6789, 17.7209, 5.5044 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(198, 78, 54)` looks like.

```
.text, #text, p{  
    color:rgb(198, 78, 54)  
}
```

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(198, 78, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 78, 54) }
```

Border

The CSS property to change the border of an element to XYZ 26.6789, 17.7209, 5.5044 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(198, 78, 54) }
```


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

```
.border{ border-color:rgb(198, 78, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 78, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 78, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 78, 54);  
box-shadow:4px 4px 4px 4px rgb(198, 78,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6789, 17.7209, 5.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 78, 54) }
```

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

```
.background{ background-color: rgb(198, 78,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor