

Converting Colors

XYZ(26.2259, 16.8884, 5.1263)

Have a look what the booklet for
XYZ(26.2259, 16.8884, 5.1263)
contains.

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Color

**XYZ(26.2259, 16.8884,
5.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	C64834
RGB	198, 72, 52
RGB Percent	78%, 28%, 20%
CMY	0.2235, 0.7176, 0.7961
CMYK	0.00, 0.64, 0.74, 0.22
HSL	8°, 58%, 49%
HSV	8°, 74%, 78%
XYZ	26.2259, 16.8884, 5.1263
YIQ	107.3940, 81.5160, 20.4920

Conversions

Conversions Part 2

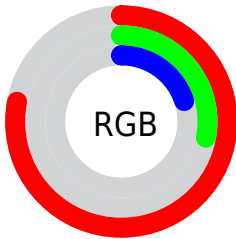
Format	Color
R_{YB}	198, 75, 52
Decimal	12994612
CIE _{Lab}	48.12, 49.14, 38.33
CIE _{LCh}	48, 62.320, 37.958
Yxy	16.8884, 0.5436, 0.3501
Android (android.graphics.Color)	4291184692 (0xFFC64834)
YUV	107.3940, -27.3092, 79.4615
Hunter-Lab	41.0955, 41.9962, 21.3709

Details

The XYZ color **26.2259, 16.8884, 5.1263** 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 **27.5280, 36.6450, 59.0481**, and the grayscale version is **14.1430, 14.8796, 16.2039**.

A 20% lighter version of the original color is **51.0011, 37.1018, 16.5299**, and **10.4417, 5.5074, 0.7137** is the 20% darker color. If you saturate the color by 10%, you get **24.9145, 14.8360, 2.9313**, and if you desaturate by 10%, it is **28.0320, 19.6315, 8.4086**.

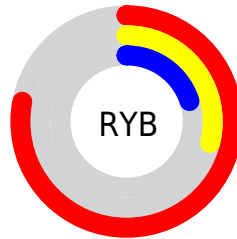
Distribution



Red (78%)

Green (28%)

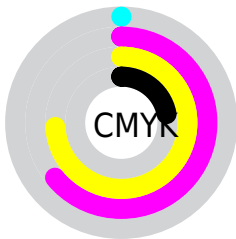
Blue (20%)



Red (78%)

Yellow (29%)

Blue (20%)

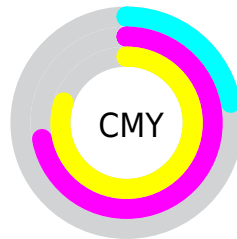


Cyan (0%)

Magenta (64%)

Yellow (74%)

Black (22%)



Cyan (22%)


Magenta (72%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2259, 16.8884, 5.1263 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 26.2259, 16.8884, 5.1263 by changing the saturation by 10% instead.

 26.2259, 16.8884,
5.1263


 26.2259, 16.8884,
5.1263


276.1257,
234.5284, 160.0242


 17.1263, 10.1550,
2.2615


 53.0679, 38.1338,
16.5337


 10.4204, 5.5018,
0.7095


 71.5409, 53.4145,
25.9135


 5.7430, 2.5446,
0.0000

 93.8692, 72.3132,
38.3019

 2.7286, 0.8989,
0.0000

 120.4179, 95.2141,
54.1177

 1.0119, 0.0000,
0.0000

 151.5526,
122.5017, 73.7793

 0.0000, 0.0000,
0.0000

 187.6386,

154.5603, 97.7052

229.0411,
191.7745, 126.3140

■ 26.2259, 16.8884,
5.1263

■ 26.2259, 16.8884,
5.1263

■ 24.9145, 14.8360,
2.9313

■ 28.0320, 19.6315,
8.4086

■ 24.0452, 13.4089,
1.6817

■ 30.3756, 23.1169,
12.8949

■ 23.6836, 12.7957,
1.2216

■ 33.2961, 27.3947,
18.6876

■ 36.8288, 32.5097,
25.8779

■ 41.0062, 38.5035,
34.5489

■ 45.8584, 45.4147,
44.7772

■ 51.4136, 53.2798,
56.6341

■ 57.6985, 62.1331,
70.1863

■ 64.7382, 72.0073,
85.4970

Harmonies

Analogous

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



29.3864, 16.8884, 14.4102



26.2259, 16.8884, 5.1263



20.4815, 16.8884, 2.0017

Triad

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



26.2259, 16.8884, 5.1263



7.9440, 16.8884, 9.0128



17.6028, 16.8884, 69.5824

Complementary

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



26.2259, 16.8884, 5.1263



27.5280, 36.6450, 59.0481

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.



12.3120, 16.8884, 64.8995



26.2259, 16.8884, 5.1263



7.5206, 16.8884, 23.0391

Square

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



26.2259, 16.8884, 5.1263



10.2564, 16.8884, 3.1525



8.9223, 16.8884, 44.9160



23.7001, 16.8884, 55.4215

Rectangle

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



26.2259, 16.8884, 5.1263



16.4419, 16.8884, 1.5307



8.9223, 16.8884, 44.9160



15.6682, 16.8884, 70.2640

Sweetspot

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



26.2263, 16.8894, 5.1266



73.7503, 69.8050, 63.5586



32.6061, 17.6975, 44.0980



15.3149, 14.2683, 12.6191



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.



26.2263, 16.8894, 5.1266



43.1696, 24.7319, 3.7673



33.9525, 32.3418, 7.7020



10.7491, 10.8674, 11.0938



15.4392, 8.3955, 0.8068



0.7702, 0.4759, 0.0513

Inverse Universe

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



27.5280, 36.6450, 59.0481



45.3257, 60.9504, 103.9834



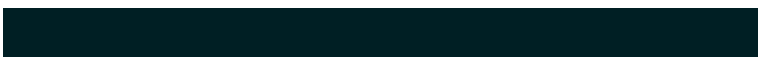
16.7153, 15.0194, 55.4438



10.8180, 11.8101, 13.6269



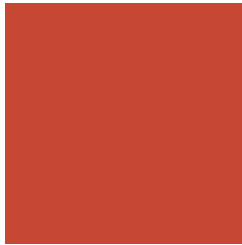
16.1295, 21.6528, 38.0737



0.7989, 1.0955, 1.8145

Previews

White Background



This preview shows how the XYZ color 26.2259, 16.8884, 5.1263 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 26.2259, 16.8884, 5.1263 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 26.2259, 16.8884, 5.1263

Background



This preview shows how black text looks on a background with the XYZ color 26.2259, 16.8884, 5.1263.



This preview shows how white text looks on a background with the XYZ color 26.2259, 16.8884,

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

26.2259, 16.8884, 5.1263

Protanopia

15.7183, 17.0904, 7.6246

Deuteranopia

17.2510, 16.9588, 4.7470



Tritanopia

26.8839, 16.8794, 8.1444

Trichromacy



Original Color

26.2259, 16.8884, 5.1263

Protanomaly

18.2530, 15.9360, 6.5288

Deuteranomaly

19.8002, 16.3575, 4.8031

Tritanomaly

26.6975, 16.9041, 6.8567

Monochromacy



Original Color

26.2259, 16.8884, 5.1263

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.5382, 14.2690, 10.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2259, 16.8884, 5.1263 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, 72, 52)` looks like.

```
.text, #text, p{  
    color:rgb(198, 72, 52)  
}
```

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, 72, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 72, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.2259, 16.8884, 5.1263 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, 72, 52) }
```


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

```
.border{ border-color:rgb(198, 72, 52) }
```

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

Here you see how a box with a 4 pixel rgb(198, 72, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 72, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 72, 52);  
box-shadow:4px 4px 4px 4px rgb(198, 72,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2259, 16.8884, 5.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 72, 52) }
```

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

```
.background{ background-color: rgb(198, 72,  
52) }
```

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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