

Converting Colors

XYZ(26.5096, 20.2532, 14.7240)

Have a look what the booklet for
XYZ(26.5096, 20.2532, 14.7240)
contains.

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Color

**XYZ(26.5311, 20.3142,
14.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	B76565
RGB	183, 101, 101
RGB Percent	72%, 40%, 40%
CMY	0.2824, 0.6039, 0.6039
CMYK	0.00, 0.45, 0.45, 0.28
HSL	0°, 36%, 56%
HSV	0°, 45%, 72%
XYZ	26.5311, 20.3142, 14.8346
YIQ	125.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

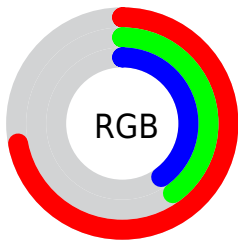
Format	Color
RYB	183, 101, 101
Decimal	12019045
CIELab	52.19, 32.85, 14.66
CIElCh	52, 35.967, 24.049
Yxy	20.3142, 0.4301, 0.3293
Android (android.graphics.Color)	4290209125 (0xFFB76565)
YUV	125.5180, -12.0874, 50.4117
Hunter-Lab	45.0713, 26.1989, 12.0354

Details

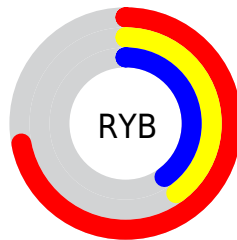
The XYZ color **26.5311, 20.3142, 14.8346** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.8468, 40.0508, 50.9045**, and the grayscale version is **19.6963, 20.7220, 22.5663**.

A 20% lighter version of the original color is **53.6767, 43.9267, 35.3554**, and **10.6462, 7.2344, 4.3253** is the 20% darker color. If you saturate the color by 10%, you get **24.1491, 16.8288, 10.0987**, and if you desaturate by 10%, it is **29.5094, 24.6726, 20.7546**.

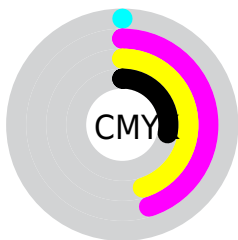
Distribution



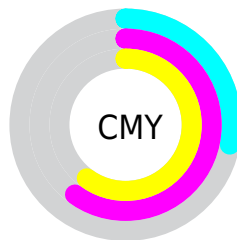
- Red (72%)
- Green (40%)
- Blue (40%)



- Red (72%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (28%)





- Cyan (28%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5311, 20.3142, 14.8346 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 26.5311, 20.3142, 14.8346 by changing the saturation by 10% instead.


 26.5311, 20.3142,
14.8346


 26.5311, 20.3142,
14.8346


277.5887,
253.6110, 233.9691


 17.3561, 12.6236,
8.5581


 53.5557, 43.9433,
35.3009


 10.5856, 7.1699,
4.3612


 72.1361, 60.6507,
50.3278

 5.8542, 3.5686,
1.8255

 94.5823, 81.1325,
69.1086

 2.7964, 1.4353,
0.4447

 121.2598,
105.7730, 92.0617

 1.0470, 0.2425,
0.0000

152.5338,
134.9568, 119.6058

 0.0000, 0.0000,
0.0000

188.7697,

169.0681, 152.1594

230.3329,
208.4914, 190.1409

■ 26.5311, 20.3142,
14.8346

■ 26.5311, 20.3142,
14.8346

■ 24.1491, 16.8288,
10.0987

■ 29.5094, 24.6726,
20.7546

■ 22.3217, 14.1549,
6.4662

■ 33.1187, 29.9540,
27.9297

■ 21.0048, 12.2278,
3.8483


■ 37.3929, 36.2083,
36.4266


■ 20.1464, 10.9716,
2.1421


■ 42.3630, 43.4810,
46.3070


■ 19.6837, 10.2945,
1.2224

■ 48.0581, 51.8146,
57.6289

 19.5285, 10.0675,
0.9140

 54.5058, 61.2493,
70.4467

 61.7319, 71.8231,
84.8122

 69.7613, 83.5723,
100.7746

 73.3384, 88.8073,
107.8839

Harmonies

Analogous

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



27.2508, 20.3142, 24.2907



26.5311, 20.3142, 14.8346



23.7755, 20.3142, 9.4193

Triad

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



26.5311, 20.3142, 14.8346



14.1197, 20.3142, 12.2133



18.5825, 20.3142, 49.0755

Complementary

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



26.5311, 20.3142, 14.8346



30.8468, 40.0508, 50.9045

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.



15.4385, 20.3142, 42.9574



26.5311, 20.3142, 14.8346



13.0814, 20.3142, 20.0802

Square

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



26.5311, 20.3142, 14.8346



16.5611, 20.3142, 8.2776



13.5316, 20.3142, 31.4655



22.3430, 20.3142, 46.3174

Rectangle

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



26.5311, 20.3142, 14.8346



21.3222, 20.3142, 7.7788



13.5316, 20.3142, 31.4655



17.4249, 20.3142, 47.9409

Sweetspot

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



26.5316, 20.3152, 14.8350



68.3037, 66.8001, 67.8906



32.7294, 22.7937, 47.4743



14.6801, 14.1599, 14.1878



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5316, 20.3152, 14.8350



43.2191, 30.0941, 18.0240



31.5505, 30.3530, 16.5079



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



30.8468, 40.0508, 50.9045



51.9513, 70.0314, 91.0150



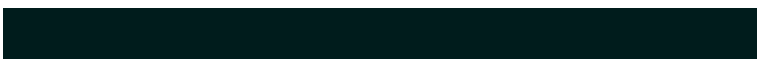
23.5872, 25.5318, 48.4847



9.2667, 10.2106, 11.5619



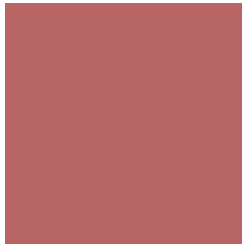
17.7744, 26.0085, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 26.5311, 20.3142, 14.8346 looks on a white background.

Color Contrast Check

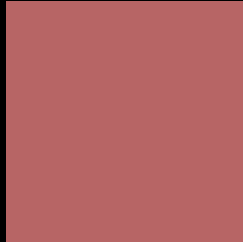
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5311, 20.3142, 14.8346 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 26.5311, 20.3142, 14.8346

Background



This preview shows how black text looks on a background with the XYZ color 26.5311, 20.3142, 14.8346.



This preview shows how white text looks on a background with the XYZ color 26.5311, 20.3142,

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

26.5311, 20.3142, 14.8346

Protanopia

19.5202, 20.6053, 18.5712

Deuteranopia

20.7751, 20.4258, 14.4029



Tritanopia

26.7395, 20.2432, 16.4079

Trichromacy



Original Color

26.5311, 20.3142, 14.8346

Protanomaly

21.4001, 19.9845, 17.1975

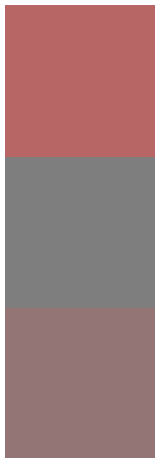
Deuteranomaly

22.4553, 20.0820, 14.4971

Tritanomaly

26.6354, 20.2015, 15.8600

Monochromacy



Original Color

26.5311, 20.3142, 14.8346

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.6048, 20.2100, 19.5918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5311, 20.3142, 14.8346 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(183, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(183, 101, 101)  
}
```

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(183, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 101, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.5311, 20.3142, 14.8346 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(183, 101, 101) }
```


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

```
.border{ border-color:rgb(183, 101, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 101, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(183, 101,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5311, 20.3142, 14.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 101, 101) }
```

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

```
.background{ background-color: rgb(183,  
101, 101) }
```

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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