

Converting Colors

XYZ(26.2530, 20.1443, 13.5536)

Have a look what the booklet for
XYZ(26.2530, 20.1443, 13.5536)
contains.

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Color

**XYZ(26.2934, 20.2192,
13.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	B76560
RGB	183, 101, 96
RGB Percent	72%, 40%, 38%
CMY	0.2824, 0.6039, 0.6235
CMYK	0.00, 0.45, 0.48, 0.28
HSL	3°, 38%, 55%
HSV	3°, 48%, 72%
XYZ	26.2934, 20.2192, 13.5832
YIQ	124.9480, 50.4770, 15.8290

Conversions

Conversions Part 2

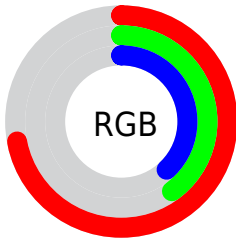
Format	Color
RYB	183, 101, 96
Decimal	12019040
CIELab	52.08, 32.33, 17.45
CIELCh	52, 36.736, 28.366
Yxy	20.2192, 0.4375, 0.3364
Android (android.graphics.Color)	4290209120 (0xFFB76560)
YUV	124.9480, -14.2714, 50.9116
Hunter-Lab	44.9658, 25.6865, 13.5658

Details

The XYZ color **26.2934, 20.2192, 13.5832** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2905, 37.7443, 50.5411**, and the grayscale version is **19.5107, 20.5268, 22.3536**.

A 20% lighter version of the original color is **53.2756, 43.7663, 33.2436**, and **10.4079, 7.1219, 3.8437** is the 20% darker color. If you saturate the color by 10%, you get **24.0444, 16.9162, 9.1495**, and if you desaturate by 10%, it is **29.0910, 24.3055, 19.1677**.

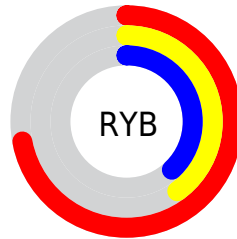
Distribution



Red (72%)

Green (40%)

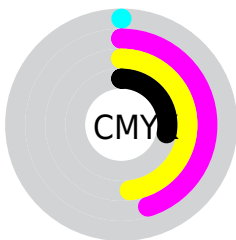
Blue (38%)



Red (72%)

Yellow (40%)

Blue (38%)

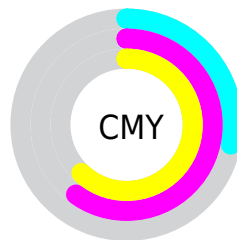


Cyan (0%)

Magenta (45%)

Yellow (48%)

Black (28%)



Cyan (28%)


Magenta (60%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2934, 20.2192, 13.5832 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 26.2934, 20.2192, 13.5832 by changing the saturation by 10% instead.


 26.2934, 20.2192,
13.5832


 26.2934, 20.2192,
13.5832


276.4498,
253.0993, 225.9598


 17.1771, 12.5545,
7.6959


 53.1758, 43.7844,
33.0540

 10.4569, 7.1225,
3.8160


 71.6727, 60.4536,
47.4747

 5.7675, 3.5388,
1.5250

 94.0271, 80.8932,
65.5769

 2.7436, 1.4191,
0.2364

 120.6044,
105.4874, 87.7791

 1.0196, 0.2307,
0.0000

151.7699,
134.6208, 114.5000

 0.0000, 0.0000,
0.0000

187.8891,

168.6776, 146.1581

229.3273,
208.0423, 183.1718

■ 26.2934, 20.2192,
13.5832

■ 26.2934, 20.2192,
13.5832

■ 24.0444, 16.9162,
9.1495

■ 29.0910, 24.3055,
19.1677

■ 22.3064, 14.3436,
5.7853

■ 32.4683, 29.2175,
25.9742

■ 21.0397, 12.4468,
3.4006


■ 36.4561, 34.9982,
34.0697


■ 20.1980, 11.1622,
1.8902


■ 41.0823, 41.6867,
43.5160


■ 19.7206, 10.4123,
1.0996


■ 46.3733, 49.3198,
54.3707

 19.6426, 10.2959,
0.9520

 52.3539, 57.9322,
66.6882

 59.0477, 67.5569,
80.5201

 66.4771, 78.2252,
95.9153

 73.3383, 88.8072,
107.8839

Harmonies

Analogous

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



27.3721, 20.2192, 22.6101



26.2934, 20.2192, 13.5832



23.2570, 20.2192, 8.6899

Triad

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



26.2934, 20.2192, 13.5832



13.7047, 20.2192, 12.8565



19.0126, 20.2192, 49.8127

Complementary

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



26.2934, 20.2192, 13.5832



29.2905, 37.7443, 50.5411

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.



15.6755, 20.2192, 44.7184



26.2934, 20.2192, 13.5832



12.8687, 20.2192, 21.4310

Square

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



26.2934, 20.2192, 13.5832



15.9889, 20.2192, 8.3766



13.5411, 20.2192, 33.3673



22.8545, 20.2192, 45.6706

Rectangle

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



26.2934, 20.2192, 13.5832



20.7102, 20.2192, 7.3422



13.5411, 20.2192, 33.3673



17.7988, 20.2192, 49.0988

Sweetspot

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



26.2939, 20.2202, 13.5836



67.9055, 66.4623, 66.3442



31.8125, 21.6736, 44.9690



14.6194, 14.1314, 13.8810



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.



26.2939, 20.2202, 13.5836



42.9213, 30.0874, 16.1090



31.5902, 30.8129, 15.3490



9.0450, 9.0929, 9.3853



13.7205, 7.2174, 0.6699



0.4978, 0.2826, 0.0283

Inverse Universe

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



29.2905, 37.7443, 50.5411



48.9074, 65.1920, 90.2413



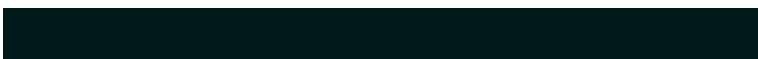
22.0561, 23.2756, 48.1296



9.2212, 10.1197, 11.5467



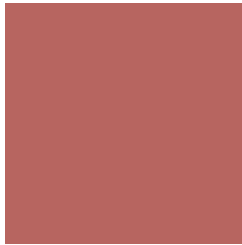
16.3345, 23.1288, 34.8564



0.5893, 0.8423, 1.2333

Previews

White Background



This preview shows how the XYZ color 26.2934, 20.2192, 13.5832 looks on a white background.

Color Contrast Check

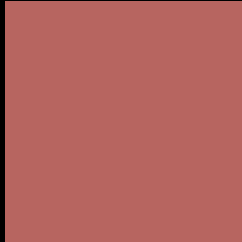
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2934, 20.2192, 13.5832 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 26.2934, 20.2192, 13.5832

Background



This preview shows how black text looks on a background with the XYZ color 26.2934, 20.2192, 13.5832.



This preview shows how white text looks on a background with the XYZ color 26.2934, 20.2192,

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

26.2934, 20.2192, 13.5832

Protanopia

19.2216, 20.3021, 16.8155

Deuteranopia

20.7249, 20.4263, 13.2063



Tritanopia

26.8828, 20.1756, 16.3873

Trichromacy



Original Color

26.2934, 20.2192, 13.5832

Protanomaly

21.2712, 19.9541, 15.5624

Deuteranomaly

22.4227, 20.0920, 13.2860

Tritanomaly

26.7725, 20.2840, 15.3361

Monochromacy



Original Color

26.2934, 20.2192, 13.5832

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.1367, 19.8167, 18.6306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2934, 20.2192, 13.5832 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(183, 101, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 101, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.2934, 20.2192, 13.5832 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, 96) }
```


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

```
.border{ border-color:rgb(183, 101, 96) }
```

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, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(183, 101,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2934, 20.2192, 13.5832 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, 96) }
```

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

```
.background{ background-color: rgb(183,  
101, 96) }
```

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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