

Converting Colors

XYZ(26.4962, 18.4473, 14.4761)

Have a look what the booklet for
XYZ(26.4962, 18.4473, 14.4761)
contains.

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Color

**XYZ(26.4962, 18.4473,
14.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5765
RGB	188, 87, 101
RGB Percent	74%, 34%, 40%
CMY	0.2627, 0.6588, 0.6039
CMYK	0.00, 0.54, 0.46, 0.26
HSL	352°, 43%, 54%
HSV	352°, 54%, 74%
XYZ	26.4962, 18.4473, 14.4761
YIQ	118.7950, 55.7020, 25.7660

Conversions

Conversions Part 2

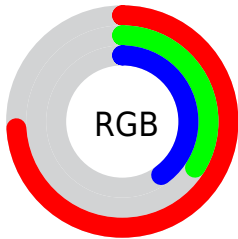
Format	Color
R_{YB}	188, 87, 101
Decimal	12343141
CIE _{Lab}	50.03, 42.00, 11.78
CIE _{LCh}	50, 43.616, 15.663
Yxy	18.4473, 0.4459, 0.3105
Android (android.graphics.Color)	4290533221 (0xFFBC5765)
YUV	118.7950, -8.7729, 60.6928
Hunter-Lab	42.9503, 34.9542, 10.0820

Details

The XYZ color **26.4962, 18.4473, 14.4761** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.5547, 41.0491, 46.4125**, and the grayscale version is **17.4849, 18.3954, 20.0326**.

A 20% lighter version of the original color is **53.4034, 40.7973, 34.7658**, and **10.6507, 6.3032, 4.2697** is the 20% darker color. If you saturate the color by 10%, you get **24.4506, 15.5033, 10.2577**, and if you desaturate by 10%, it is **29.0955, 22.2484, 19.6508**.

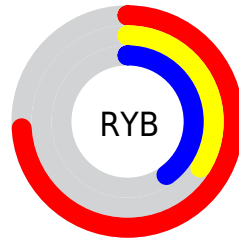
Distribution



Red (74%)

Green (34%)

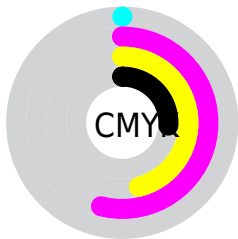
Blue (40%)



Red (74%)

Yellow (34%)

Blue (40%)

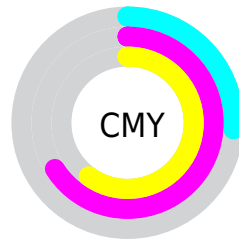


Cyan (0%)

Magenta (54%)

Yellow (46%)

Black (26%)



Cyan (26%)


Magenta (66%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4962, 18.4473, 14.4761 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 26.4962, 18.4473, 14.4761 by changing the saturation by 10% instead.

 26.4962, 18.4473,
14.4761


 26.4962, 18.4473,
14.4761


277.4217,
243.3803, 231.7034


 17.3298, 11.2716,
8.3100


 53.5000, 40.7981,
34.6606


 10.5667, 6.2498,
4.2034


 72.0681, 56.7419,
49.5162

 5.8414, 2.9976,
1.7376


 94.5009, 76.3772,
68.1053

 2.7886, 1.1305,
0.3863

 121.1636,
100.0885, 90.8465

 1.0430, 0.0038,
0.0000

152.4217,
128.2600, 118.1584

 0.0000, 0.0000,
0.0000

188.6406,

161.2762, 150.4595

230.1854,
199.5215, 188.1683

■ 26.4962, 18.4473,
14.4761

■ 26.4962, 18.4473,
14.4761

■ 24.4506, 15.5033,
10.2577

■ 29.0955, 22.2484,
19.6508

■ 22.9165, 13.3469,
6.9355

■ 32.2835, 26.9632,
25.8349

■ 21.8480, 11.9026,
4.4441

■ 36.0942, 32.6470,
33.0785

■ 21.1900, 11.0783,
2.7083

■ 40.5584, 39.3496,
41.4283

■ 20.9261, 10.7662,
1.9555

■ 45.7049, 47.1178,
50.9281

■ 51.5610, 55.9950,
61.6193

■ 58.1520, 66.0226,
73.5414

■ 65.5024, 77.2396,
86.7318

■ 73.2496, 88.9116,
101.0980

Harmonies

Analogous

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



26.5598, 18.4473, 26.3618



26.4962, 18.4473, 14.4761



23.7917, 18.4473, 7.6859

Triad

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



26.4962, 18.4473, 14.4761



12.3773, 18.4473, 7.8867



15.6124, 18.4473, 51.7798

Complementary

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



26.4962, 18.4473, 14.4761



29.5547, 41.0491, 46.4125

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.



12.4821, 18.4473, 41.5342



26.4962, 18.4473, 14.4761



10.8263, 18.4473, 14.8947

Square

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



26.4962, 18.4473, 14.4761



15.4463, 18.4473, 5.0495



10.8613, 18.4473, 26.9850



19.8010, 18.4473, 51.5204

Rectangle

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



26.4962, 18.4473, 14.4761



21.0696, 18.4473, 5.5403



10.8613, 18.4473, 26.9850



14.4172, 18.4473, 49.3149

Sweetspot

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



26.4967, 18.4483, 14.4764



71.3346, 68.0483, 71.0421



29.6864, 19.3154, 49.7405



14.9748, 14.0844, 14.5952



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.4967, 18.4483, 14.4764



43.8924, 27.4993, 17.7003



29.4626, 25.3857, 12.3651



9.5826, 9.5573, 10.1909



14.2642, 7.3368, 1.4188



0.5763, 0.2944, 0.1482

Inverse Universe

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



26.4967, 18.4483, 14.4764



43.8924, 27.4993, 17.7003



24.3425, 28.3260, 51.7614



9.5826, 9.5573, 10.1909



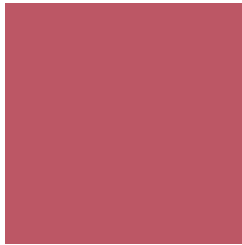
14.2642, 7.3368, 1.4188



0.5763, 0.2944, 0.1482

Previews

White Background



This preview shows how the XYZ color 26.4962, 18.4473, 14.4761 looks on a white background.

Color Contrast Check

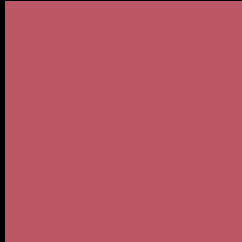
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4962, 18.4473, 14.4761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

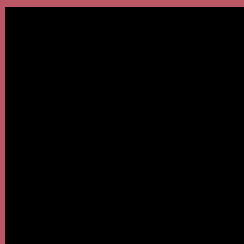
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4962, 18.4473, 14.4761

Background



This preview shows how black text looks on a background with the XYZ color 26.4962, 18.4473, 14.4761.



This preview shows how white text looks on a background with the XYZ color 26.4962, 18.4473,

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

26.4962, 18.4473, 14.4761

Protanopia

17.8929, 18.6392, 19.7942

Deuteranopia

18.8895, 18.5950, 13.6599



Tritanopia

26.2491, 18.4790, 12.7730

Trichromacy



Original Color

26.4962, 18.4473, 14.4761

Protanomaly

20.0364, 17.7962, 17.7082

Deuteranomaly

21.1608, 18.1531, 13.9439

Tritanomaly

26.3864, 18.5339, 13.4959

Monochromacy



Original Color

26.4962, 18.4473, 14.4761

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.6839, 17.6145, 17.6917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4962, 18.4473, 14.4761 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(188, 87, 101)` looks like.

```
.text, #text, p{  
    color:rgb(188, 87, 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(188, 87, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 87, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.4962, 18.4473, 14.4761 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(188, 87, 101) }
```


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

```
.border{ border-color:rgb(188, 87, 101) }
```

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

Here you see how a box with a 4 pixel rgb(188, 87, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 87, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 87, 101);  
box-shadow:4px 4px 4px 4px rgb(188, 87,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4962, 18.4473, 14.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 87, 101) }
```

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

```
.background{ background-color: rgb(188, 87,  
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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