

Converting Colors

XYZ(26.2115, 18.3549, 14.4910)

Have a look what the booklet for
XYZ(26.2115, 18.3549, 14.4910)
contains.

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Color

**XYZ(26.2507, 18.3208,
14.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5765
RGB	187, 87, 101
RGB Percent	73%, 34%, 40%
CMY	0.2667, 0.6588, 0.6039
CMYK	0.00, 0.53, 0.46, 0.27
HSL	352°, 42%, 54%
HSV	352°, 53%, 73%
XYZ	26.2507, 18.3208, 14.4646
YIQ	118.4960, 55.1060, 25.5540

Conversions

Conversions Part 2

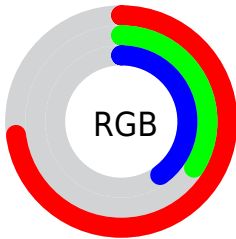
Format	Color
R_{YB}	187, 87, 101
Decimal	12277605
CIE _{Lab}	49.88, 41.64, 11.54
CIE _{LCh}	50, 43.207, 15.493
Yxy	18.3208, 0.4447, 0.3103
Android (android.graphics.Color)	4290467685 (0xFFBB5765)
YUV	118.4960, -8.6255, 60.0780
Hunter-Lab	42.8028, 34.5681, 9.9257

Details

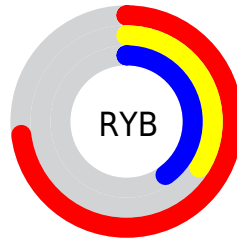
The XYZ color **26.2507, 18.3208, 14.4646** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2447, 40.5845, 45.8302**, and the grayscale version is **17.3903, 18.2960, 19.9243**.

A 20% lighter version of the original color is **53.0516, 40.6160, 34.7493**, and **10.4965, 6.2237, 4.2625** is the 20% darker color. If you saturate the color by 10%, you get **24.2156, 15.3907, 10.2716**, and if you desaturate by 10%, it is **28.8331, 22.0987, 19.6012**.

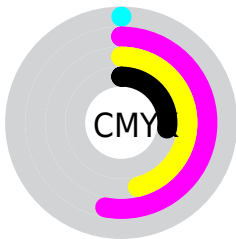
Distribution



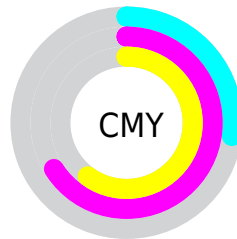
- Red (73%)
- Green (34%)
- Blue (40%)



- Red (73%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2507, 18.3208, 14.4646 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 26.2507, 18.3208, 14.4646 by changing the saturation by 10% instead.


 26.2507, 18.3208,
14.4646


 26.2507, 18.3208,
14.4646


276.2448,
242.6731, 231.6303


 17.1449, 11.1805,
8.3021


 53.1075, 40.5832,
34.6401


 10.4338, 6.1884,
4.1983


 71.5893, 56.4742,
49.4901


 5.7520, 2.9600,
1.7348

 93.9272, 76.0508,
68.0730

 2.7341, 1.1109,
0.3844

 120.4864, 99.6975,
90.8074

 1.0148, 0.0000,
0.0000

 151.6325,
127.7987, 118.1118

 0.0000, 0.0000,
0.0000

187.7306,

160.7388, 150.4047

229.1463,
198.9021, 188.1047

■ 26.2507, 18.3208,
14.4646

■ 26.2507, 18.3208,
14.4646

■ 24.2156, 15.3907,
10.2716

■ 28.8331, 22.0987,
19.6012

■ 22.6864, 13.2401,
6.9633

■ 31.9973, 26.7801,
25.7332

■ 21.6179, 11.7946,
4.4755

■ 35.7766, 32.4195,
32.9101

■ 20.9562, 10.9643,
2.7349

■ 40.2015, 39.0659,
41.1776

■ 20.6819, 10.6401,
1.9510

■ 45.3002, 46.7653,
50.5786

■ 51.0996, 55.5606,
61.1539

■ 57.6246, 65.4925,
72.9421

■ 64.8994, 76.5996,
85.9800

■ 72.8491, 88.7230,
100.2705

Harmonies

Analogous

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



26.2973, 18.3208, 26.2109



26.2507, 18.3208, 14.4646



23.6004, 18.3208, 7.7199

Triad

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



26.2507, 18.3208, 14.4646



12.3378, 18.3208, 7.8679



15.4973, 18.3208, 51.0969

Complementary

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



26.2507, 18.3208, 14.4646



29.2447, 40.5845, 45.8302

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.



12.4148, 18.3208, 40.9840



26.2507, 18.3208, 14.4646



10.7963, 18.3208, 14.7722

Square

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



26.2507, 18.3208, 14.4646



15.3753, 18.3208, 5.0704



10.8221, 18.3208, 26.6675



19.6240, 18.3208, 50.9073

Rectangle

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



26.2507, 18.3208, 14.4646



20.9228, 18.3208, 5.5774



10.8221, 18.3208, 26.6675



14.3201, 18.3208, 48.6564

Sweetspot

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



26.2512, 18.3218, 14.4649



69.6737, 66.4644, 69.4229



29.3918, 19.1760, 49.1659



14.9764, 14.0851, 14.6037



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.



26.2512, 18.3218, 14.4649



42.8844, 26.8741, 17.3691



29.1741, 25.1730, 12.3394



9.5831, 9.5575, 10.1936



14.2663, 7.3377, 1.4299



0.5766, 0.2945, 0.1494

Inverse Universe

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



26.2512, 18.3218, 14.4649



42.8844, 26.8741, 17.3691



24.1293, 28.0715, 51.1602



9.5831, 9.5575, 10.1936



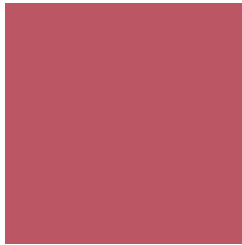
14.2663, 7.3377, 1.4299



0.5766, 0.2945, 0.1494

Previews

White Background



This preview shows how the XYZ color 26.2507, 18.3208, 14.4646 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 26.2507, 18.3208, 14.4646 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 26.2507, 18.3208, 14.4646

Background



This preview shows how black text looks on a background with the XYZ color 26.2507, 18.3208, 14.4646.



This preview shows how white text looks on a background with the XYZ color 26.2507, 18.3208,

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

26.2507, 18.3208, 14.4646

Protanopia

17.8338, 18.6156, 19.4828

Deuteranopia

18.9359, 18.6135, 13.9040



Tritanopia

26.0036, 18.3524, 12.7615

Trichromacy



Original Color

26.2507, 18.3208, 14.4646

Protanomaly

19.9810, 17.7741, 17.4166

Deuteranomaly

20.9665, 18.0529, 13.9348

Tritanomaly

26.1409, 18.4073, 13.4844

Monochromacy



Original Color

26.2507, 18.3208, 14.4646

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.5100, 17.5249, 17.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2507, 18.3208, 14.4646 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(187, 87, 101)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 87, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 87, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.2507, 18.3208, 14.4646 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(187, 87, 101) }
```


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

```
.border{ border-color:rgb(187, 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(187, 87, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 87, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 87, 101);  
box-shadow:4px 4px 4px 4px rgb(187, 87,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2507, 18.3208, 14.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 87, 101) }
```

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

```
.background{ background-color: rgb(187, 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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