

Converting Colors

XYZ(26.2695, 18.1996, 14.9603)

Have a look what the booklet for
XYZ(26.2695, 18.1996, 14.9603)
contains.

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Color

**XYZ(26.2695, 18.1996,
14.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5667
RGB	187, 86, 103
RGB Percent	73%, 34%, 40%
CMY	0.2667, 0.6627, 0.5961
CMYK	0.00, 0.54, 0.45, 0.27
HSL	350°, 43%, 54%
HSV	350°, 54%, 73%
XYZ	26.2695, 18.1996, 14.9603
YIQ	118.1370, 54.7390, 26.6990

Conversions

Conversions Part 2

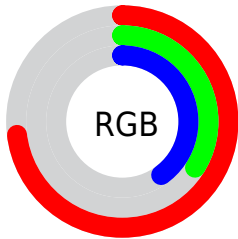
Format	Color
R_{YB}	187, 86, 103
Decimal	12277351
CIE Lab	49.74, 42.34, 10.14
CIE LCh	50, 43.539, 13.465
Yxy	18.1996, 0.4420, 0.3062
Android (android.graphics.Color)	4290467431 (0xFFBB5667)
YUV	118.1370, -7.4625, 60.3929
Hunter-Lab	42.6610, 35.2588, 9.0710

Details

The XYZ color **26.2695, 18.1996, 14.9603** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.8648, 40.4218, 44.3135**, and the grayscale version is **17.2740, 18.1736, 19.7910**.

A 20% lighter version of the original color is **53.0714, 40.3912, 35.5710**, and **10.4918, 6.1754, 4.3804** is the 20% darker color. If you saturate the color by 10%, you get **24.2575, 15.3110, 10.7898**, and if you desaturate by 10%, it is **28.8182, 21.9293, 20.0265**.

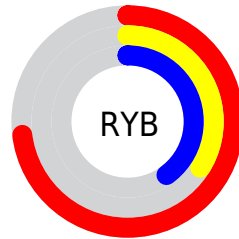
Distribution



Red (73%)

Green (34%)

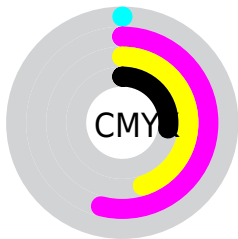
Blue (40%)



Red (73%)

Yellow (34%)

Blue (40%)

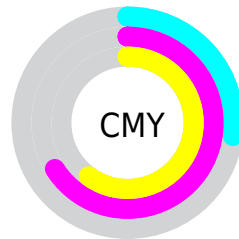


Cyan (0%)

Magenta (54%)

Yellow (45%)

Black (27%)



Cyan (27%)


Magenta (66%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2695, 18.1996, 14.9603 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 26.2695, 18.1996, 14.9603 by changing the saturation by 10% instead.


 26.2695, 18.1996,
14.9603


 26.2695, 18.1996,
14.9603


276.3350,
241.9937, 234.7583

 17.1591, 11.0934,
8.6452


 53.1376, 40.3771,
35.5248


 10.4440, 6.1297,
4.4169


 71.6260, 56.2173,
50.6114


 5.7588, 2.9241,
1.8567

 93.9712, 75.7375,
69.4588

 2.7383, 1.0922,
0.4650

 120.5384, 99.3222,
92.4857

 1.0169, 0.0000,
0.0000

 151.6930,
127.3557, 120.1105

 0.0000, 0.0000,
0.0000

187.8004,

160.2226, 152.7519

229.2260,
198.3071, 190.8283

■ 26.2695, 18.1996,
14.9603

■ 26.2695, 18.1996,
14.9603

■ 24.2575, 15.3110,
10.7898

■ 28.8182, 21.9293,
20.0265

■ 22.7417, 13.1951,
7.4611

■ 31.9375, 26.5558,
26.0359

■ 21.6776, 11.7774,
4.9160

■ 35.6599, 32.1333,
33.0338

■ 21.0121, 10.9675,
3.0879

■ 40.0154, 38.7110,
41.0622

■ 20.7471, 10.6662,
2.2942

■ 45.0317, 46.3347,
50.1607

■ 50.7349, 55.0471,
60.3668

■ 57.1497, 64.8889,
71.7162

■ 64.2996, 75.8985,
84.2429

■ 72.2070, 88.1124,
97.9795

Harmonies

Analogous

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



26.1236, 18.1996, 27.0523



26.2695, 18.1996, 14.9603



23.7551, 18.1996, 7.8923

Triad

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



26.2695, 18.1996, 14.9603



12.3722, 18.1996, 7.4331



15.1265, 18.1996, 50.7602

Complementary

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



26.2695, 18.1996, 14.9603



28.8648, 40.4218, 44.3135

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.



12.1321, 18.1996, 40.0428



26.2695, 18.1996, 14.9603



10.7247, 18.1996, 14.0014

Square

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



26.2695, 18.1996, 14.9603



15.5071, 18.1996, 4.8709



10.6445, 18.1996, 25.6235



19.2221, 18.1996, 51.3555

Rectangle

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



26.2695, 18.1996, 14.9603



21.1107, 18.1996, 5.6024



10.6445, 18.1996, 25.6235



13.9747, 18.1996, 48.0735

Sweetspot

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



26.2700, 18.2006, 14.9606



69.8101, 66.5190, 70.1410



28.5496, 18.6224, 49.1035



15.0094, 14.0983, 14.7772



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.



26.2700, 18.2006, 14.9606



42.8206, 26.5391, 17.9870



28.6504, 24.1906, 11.9645



9.5939, 9.5619, 10.2506



14.3135, 7.3566, 1.6786



0.5813, 0.2964, 0.1744

Inverse Universe

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



26.2700, 18.2006, 14.9606



42.8206, 26.5391, 17.9870



24.5323, 29.0154, 51.3213



9.5939, 9.5619, 10.2506



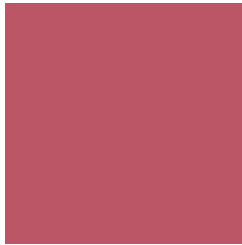
14.3135, 7.3566, 1.6786



0.5813, 0.2964, 0.1744

Previews

White Background



This preview shows how the XYZ color 26.2695, 18.1996, 14.9603 looks on a white background.

Color Contrast Check

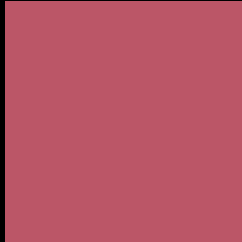
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2695, 18.1996, 14.9603 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 26.2695, 18.1996, 14.9603

Background



This preview shows how black text looks on a background with the XYZ color 26.2695, 18.1996, 14.9603.



This preview shows how white text looks on a background with the XYZ color 26.2695, 18.1996,

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

26.2695, 18.1996, 14.9603

Protanopia

17.7538, 18.3779, 20.3809

Deuteranopia

18.5384, 18.2348, 14.0979



Tritanopia

25.7598, 18.2267, 12.7501

Trichromacy



Original Color

26.2695, 18.1996, 14.9603

Protanomaly

19.8684, 17.5427, 18.2585

Deuteranomaly

20.7681, 17.7893, 14.3957

Tritanomaly

25.8156, 18.1186, 13.4459

Monochromacy



Original Color

26.2695, 18.1996, 14.9603

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.4624, 17.3400, 17.9440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2695, 18.1996, 14.9603 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, 86, 103)` looks like.

```
.text, #text, p{  
  color:rgb(187, 86, 103)  
}
```

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, 86, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 86, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.2695, 18.1996, 14.9603 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, 86, 103) }
```


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

```
.border{ border-color:rgb(187, 86, 103) }
```

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

Here you see how a box with a 4 pixel rgb(187, 86, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 86, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 86, 103);  
box-shadow:4px 4px 4px 4px rgb(187, 86,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2695, 18.1996, 14.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 86, 103) }
```

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

```
.background{ background-color: rgb(187, 86,  
103) }
```

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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