

Converting Colors

XYZ(26.0699, 20.6117, 13.5392)

Have a look what the booklet for
XYZ(26.0699, 20.6117, 13.5392)
contains.

XYZ(26.0719, 20.5506, 13.4190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0719, 20.5506,
13.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	B5685F
RGB	181, 104, 95
RGB Percent	71%, 41%, 37%
CMY	0.2902, 0.5921, 0.6274
CMYK	0.00, 0.43, 0.48, 0.29
HSL	6°, 37%, 54%
HSV	6°, 48%, 71%
XYZ	26.0719, 20.5506, 13.4190
YIQ	125.9970, 48.7810, 13.5250

Conversions

Conversions Part 2

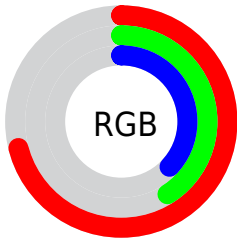
Format	Color
R_{YB}	181, 105, 95
Decimal	11888735
CIE _{Lab}	52.45, 29.81, 18.50
CIE _{LCh}	52, 35.084, 31.814
Yxy	20.5506, 0.4342, 0.3423
Android (android.graphics.Color)	4290078815 (0xFFB5685F)
YUV	125.9970, -15.2815, 48.2376
Hunter-Lab	45.3328, 23.3270, 14.1824

Details

The XYZ color **26.0719, 20.5506, 13.4190** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.8115, 35.2724, 49.0583**, and the grayscale version is **19.8694, 20.9042, 22.7646**.

A 20% lighter version of the original color is **52.5959, 44.1720, 32.5420**, and **10.3780, 7.3141, 3.7705** is the 20% darker color. If you saturate the color by 10%, you get **23.8654, 17.3049, 9.0852**, and if you desaturate by 10%, it is **28.7841, 24.5018, 18.8648**.

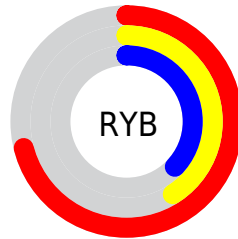
Distribution



Red (71%)

Green (41%)

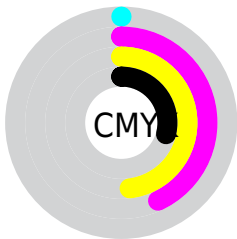
Blue (37%)



Red (71%)

Yellow (41%)

Blue (37%)

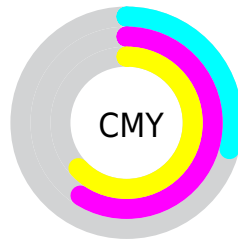


Cyan (0%)

Magenta (43%)

Yellow (48%)

Black (29%)



Cyan (29%)


Magenta (59%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0719, 20.5506, 13.4190 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 26.0719, 20.5506, 13.4190 by changing the saturation by 10% instead.


 26.0719, 20.5506,
13.4190


 26.0719, 20.5506,
13.4190


275.3851,
254.8804, 224.8871


 17.0104, 12.7959,
7.5836


 52.8214, 44.3384,
32.7567


 10.3373, 7.2882,
3.7457


 71.2401, 61.1403,
47.0960

 5.6871, 3.6430,
1.4869

 93.5086, 81.7267,
65.1071

 2.6946, 1.4759,
0.2082

 119.9922,
106.4820, 87.2084

 0.9944, 0.2717,
0.0000

151.0563,
135.7907, 113.8185

 0.0000, 0.0000,
0.0000

187.0662,

170.0370, 145.3560

228.3874,
209.6055, 182.2393

■ 26.0719, 20.5506,
13.4190

■ 26.0719, 20.5506,
13.4190

■ 23.8654, 17.3049,
9.0852

■ 28.7841, 24.5018,
18.8648

■ 22.1315, 14.7200,
5.7854

■ 32.0291, 29.1933,
25.4909

■ 20.8358, 12.7514,
3.4337


■ 35.8339, 34.6615,
33.3615


■ 19.9383, 11.3473,
1.9292


■ 40.2235, 40.9393,
42.5358


■ 19.3867, 10.4456,
1.1237

■ 45.2210, 48.0579,
53.0693

 19.2880, 10.2878,
0.9692

 50.8485, 56.0468,
65.0141

 57.1269, 64.9340,
78.4197

 64.0761, 74.7463,
93.3332

 71.2446, 85.3210,
107.3214

Harmonies

Analogous

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



27.3573, 20.5506, 21.7502



26.0719, 20.5506, 13.4190



23.0120, 20.5506, 8.9936

Triad

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



26.0719, 20.5506, 13.4190



14.0125, 20.5506, 14.2123



19.7542, 20.5506, 48.8334

Complementary

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



26.0719, 20.5506, 13.4190



27.8115, 35.2724, 49.0583

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.



16.4231, 20.5506, 44.9755



26.0719, 20.5506, 13.4190



13.3635, 20.5506, 23.0139

Square

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



26.0719, 20.5506, 13.4190



16.0851, 20.5506, 9.3420



14.1900, 20.5506, 34.6302



23.4409, 20.5506, 43.9767

Rectangle

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



26.0719, 20.5506, 13.4190



20.5417, 20.5506, 7.8663



14.1900, 20.5506, 34.6302



18.5574, 20.5506, 48.5089

Sweetspot

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



26.0724, 20.5516, 13.4194



66.6388, 65.6028, 64.8761



30.6331, 21.0022, 41.6706



14.0552, 13.6811, 13.2971



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.0724, 20.5516, 13.4194



42.5890, 30.7653, 15.9742



31.4932, 31.3932, 15.2263



8.5656, 8.6437, 8.8695



13.3225, 7.1435, 0.6767



0.4423, 0.2710, 0.0290

Inverse Universe

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



27.8115, 35.2724, 49.0583



46.0415, 60.2361, 87.4947



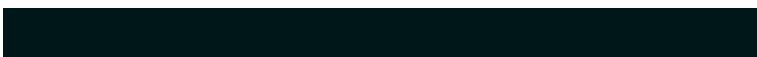
20.9630, 21.5753, 46.7755



8.6651, 9.4765, 10.8788



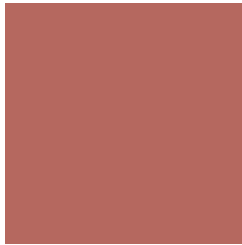
14.6926, 20.1857, 33.2588



0.4839, 0.6784, 1.0537

Previews

White Background



This preview shows how the XYZ color 26.0719, 20.5506, 13.4190 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 26.0719, 20.5506, 13.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

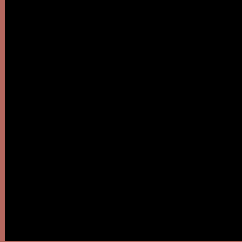
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0719, 20.5506, 13.4190

Background



This preview shows how black text looks on a background with the XYZ color 26.0719, 20.5506, 13.4190.



This preview shows how white text looks on a background with the XYZ color 26.0719, 20.5506,

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

26.0719, 20.5506, 13.4190

Protanopia

19.5563, 20.6737, 16.3243

Deuteranopia

21.0427, 20.5952, 12.9914



Tritanopia

26.8031, 20.5520, 17.0222

Trichromacy



Original Color

26.0719, 20.5506, 13.4190

Protanomaly

21.2879, 20.1462, 15.0785

Deuteranomaly

22.6910, 20.4020, 13.0980

Tritanomaly

26.6403, 20.6451, 15.6775

Monochromacy



Original Color

26.0719, 20.5506, 13.4190

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4270, 20.3057, 19.0097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0719, 20.5506, 13.4190 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(181, 104, 95)` looks like.

```
.text, #text, p{  
    color:rgb(181, 104, 95)  
}
```

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(181, 104, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 104, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.0719, 20.5506, 13.4190 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(181, 104, 95) }
```


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

```
.border{ border-color:rgb(181, 104, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 104, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 104, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 104, 95);  
box-shadow:4px 4px 4px 4px rgb(181, 104,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0719, 20.5506, 13.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 104, 95) }
```

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

```
.background{ background-color: rgb(181,  
104, 95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor