

Converting Colors

XYZ(26.4670, 21.1020, 6.9443)

Have a look what the booklet for
XYZ(26.4670, 21.1020, 6.9443)
contains.

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Color

**XYZ(26.3607, 20.9942,
6.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	BB693C
RGB	187, 105, 60
RGB Percent	73%, 41%, 24%
CMY	0.2667, 0.5882, 0.7647
CMYK	0.00, 0.44, 0.68, 0.27
HSL	21°, 51%, 48%
HSV	21°, 68%, 73%
XYZ	26.3607, 20.9942, 6.9379
YIQ	124.3880, 63.3170, 3.3890

Conversions

Conversions Part 2

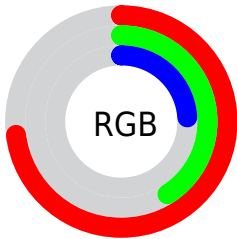
Format	Color
R_{YB}	187, 130, 60
Decimal	12282172
CIE Lab	52.94, 28.90, 38.98
CIE LCh	53, 48.529, 53.450
Yxy	20.9942, 0.4855, 0.3867
Android (android.graphics.Color)	4290472252 (0xFFBB693C)
YUV	124.3880, -31.7433, 54.9107
Hunter-Lab	45.8194, 22.5101, 23.0960

Details

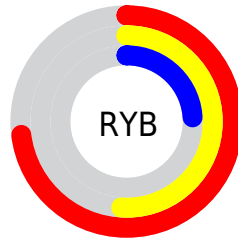
The XYZ color **26.3607, 20.9942, 6.9379** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.5054, 23.8931, 50.5445**, and the grayscale version is **19.3763, 20.3854, 22.1997**.

A 20% lighter version of the original color is **53.1751, 44.9922, 20.3497**, and **10.5401, 7.5245, 1.2776** is the 20% darker color. If you saturate the color by 10%, you get **24.8073, 18.5438, 4.3973**, and if you desaturate by 10%, it is **28.2643, 23.8659, 10.4572**.

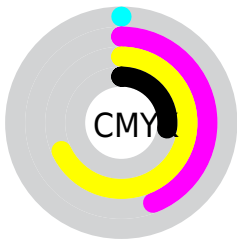
Distribution



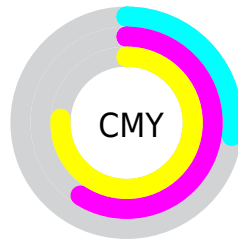
- Red (73%)
- Green (41%)
- Blue (24%)



- Red (73%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (27%)





- Cyan (27%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3607, 20.9942, 6.9379 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 26.3607, 20.9942, 6.9379 by changing the saturation by 10% instead.

 26.3607, 20.9942,
6.9379


 26.3607, 20.9942,
6.9379


276.7726,
257.2477, 176.7580


 17.2278, 13.1198,
3.3454


 53.2834, 45.0779,
20.3589


 10.4933, 7.5111,
1.2736


 71.8040, 62.0559,
31.0245

 5.7920, 3.7837,
0.0400

 94.1844, 82.8373,
44.8850

 2.7585, 1.5533,
0.0000

 120.7901,
107.8063, 62.3587

 1.0274, 0.3258,
0.0000

 151.9864,
137.3475, 83.8644

 0.0000, 0.0000,
0.0000

 188.1387,

171.8452, 109.8204

229.6123,
211.6838, 140.6455

■ 26.3607, 20.9942,
6.9379

■ 26.3607, 20.9942,
6.9379

■ 24.8073, 18.5438,
4.3973

■ 28.2643, 23.8659,
10.4572

■ 23.5760, 16.4890,
2.7299

■ 30.5401, 27.1759,
15.0435

■ 22.6297, 14.8032,
1.7766

■ 33.2098, 30.9444,
20.7764

■ 22.4572, 14.4924,
1.6137

■ 36.2928, 35.1888,
27.7276

■ 39.8070, 39.9259,
35.9629

■ 43.7693, 45.1715,
45.5431

■ 48.1958, 50.9406,
56.5255

■ 53.1014, 57.2477,
68.9636

■ 58.5006, 64.1066,
82.9085

Harmonies

Analogous

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



30.3336, 20.9942, 13.4298



26.3607, 20.9942, 6.9379



21.0905, 20.9942, 4.8007

Triad

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



26.3607, 20.9942, 6.9379



11.7328, 20.9942, 19.8117



24.1029, 20.9942, 59.3653

Complementary

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



26.3607, 20.9942, 6.9379



20.5054, 23.8931, 50.5445

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.



18.8598, 20.9942, 63.4803



26.3607, 20.9942, 6.9379



12.2624, 20.9942, 35.9086

Square

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



26.3607, 20.9942, 6.9379



13.0863, 20.9942, 9.9111



14.6804, 20.9942, 53.5332



28.8829, 20.9942, 43.9146

Rectangle

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



26.3607, 20.9942, 6.9379



17.7658, 20.9942, 5.0104



14.6804, 20.9942, 53.5332



22.3156, 20.9942, 62.3314

Sweetspot

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



26.3612, 20.9953, 6.9383



69.7056, 69.3808, 60.6392



27.0332, 15.7662, 27.4266



14.9532, 14.7446, 12.4194



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.



26.3612, 20.9953, 6.9383



43.3926, 31.5092, 6.3825



35.3024, 38.8777, 9.9187



9.7994, 10.0747, 10.0048



15.5357, 10.1101, 1.1326



0.6710, 0.5209, 0.0652

Inverse Universe

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



20.5054, 23.8931, 50.5445



32.0815, 36.7851, 89.6108



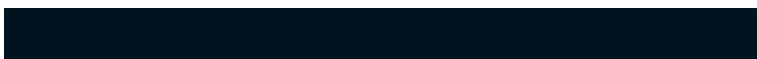
13.6328, 10.1479, 48.2536



9.5164, 10.2251, 12.1443



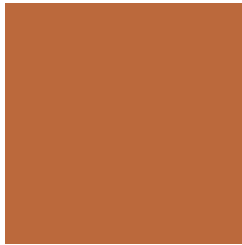
10.9388, 11.9894, 34.1305



0.4880, 0.5886, 1.3567

Previews

White Background



This preview shows how the XYZ color 26.3607, 20.9942, 6.9379 looks on a white background.

Color Contrast Check

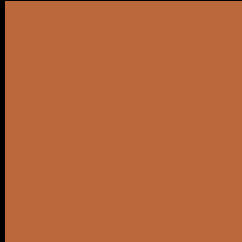
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3607, 20.9942, 6.9379 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 26.3607, 20.9942, 6.9379

Background



This preview shows how black text looks on a background with the XYZ color 26.3607, 20.9942, 6.9379.



This preview shows how white text looks on a background with the XYZ color 26.3607, 20.9942,

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

26.3607, 20.9942, 6.9379

Protanopia

19.4177, 21.1594, 8.3709

Deuteranopia

21.4558, 21.1284, 6.6887



Tritanopia

28.4462, 21.1230, 16.4878

Trichromacy



Original Color

26.3607, 20.9942, 6.9379

Protanomaly

21.4269, 20.7319, 7.7228

Deuteranomaly

23.0177, 20.8817, 6.6883

Tritanomaly

27.5831, 21.0597, 12.2840

Monochromacy



Original Color

26.3607, 20.9942, 6.9379

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.7429, 19.8652, 15.0530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3607, 20.9942, 6.9379 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, 105, 60)` looks like.

```
.text, #text, p{  
    color:rgb(187, 105, 60)  
}
```

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, 105, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 105, 60) }
```

Border

The CSS property to change the border of an element to XYZ 26.3607, 20.9942, 6.9379 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, 105, 60) }
```


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

```
.border{ border-color:rgb(187, 105, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 105, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 105, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 105, 60);  
box-shadow:4px 4px 4px 4px rgb(187, 105,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3607, 20.9942, 6.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 105, 60) }
```

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

```
.background{ background-color: rgb(187,  
105, 60) }
```

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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