

Converting Colors

XYZ(26.2221, 19.5359, 12.3462)

Have a look what the booklet for
XYZ(26.2221, 19.5359, 12.3462)
contains.

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Color

**XYZ(26.0788, 19.4354,
12.2744)**

Conversions

Conversions Part 1

Format	Color
Hex	B9605B
RGB	185, 96, 91
RGB Percent	73%, 38%, 36%
CMY	0.2745, 0.6235, 0.6431
CMYK	0.00, 0.48, 0.51, 0.27
HSL	3°, 40%, 54%
HSV	3°, 51%, 73%
XYZ	26.0788, 19.4354, 12.2744
YIQ	122.0410, 54.6490, 17.3130

Conversions

Conversions Part 2

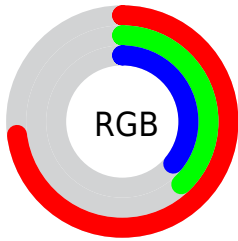
Format	Color
RYB	185, 96, 91
Decimal	12148827
CIELab	51.19, 35.28, 19.23
CIElCh	51, 40.182, 28.600
Yxy	19.4354, 0.4513, 0.3363
Android (android.graphics.Color)	4290338907 (0xFFB9605B)
YUV	122.0410, -15.3032, 55.2150
Hunter-Lab	44.0856, 28.4417, 14.3523

Details

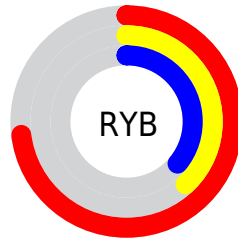
The XYZ color **26.0788, 19.4354, 12.2744** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.3915, 38.3673, 51.7553**, and the grayscale version is **18.5485, 19.5145, 21.2513**.

A 20% lighter version of the original color is **52.7059, 42.3360, 30.5931**, and **10.3527, 6.7326, 3.2365** is the 20% darker color. If you saturate the color by 10%, you get **23.9530, 16.3075, 8.1021**, and if you desaturate by 10%, it is **28.7583, 23.3560, 17.6021**.

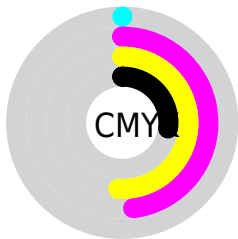
Distribution



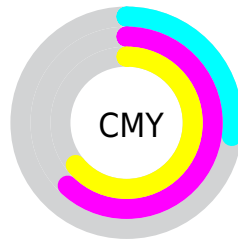
- Red (73%)
- Green (38%)
- Blue (36%)



- Red (73%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (48%)
- Yellow (51%)
- Black (27%)





- Cyan (27%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0788, 19.4354, 12.2744 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 26.0788, 19.4354, 12.2744 by changing the saturation by 10% instead.


 26.0788, 19.4354,
12.2744


 26.0788, 19.4354,
12.2744


275.4183,
248.8420, 217.2555


 17.0156, 11.9853,
6.8060


 52.8324, 42.4685,
30.6657


 10.3410, 6.7337,
3.2645


 71.2536, 58.8204,
44.4258

 5.6896, 3.2961,
1.2312

 93.5247, 78.9082,
61.7868

 2.6961, 1.2882,
0.0044

 120.0113,
103.1166, 83.1674

 0.9952, 0.1320,
0.0000

151.0785,
131.8297, 108.9860

 0.0000, 0.0000,
0.0000

187.0919,

165.4320, 139.6612

228.4167,
204.3080, 175.6115

■ 26.0788, 19.4354,
12.2744

■ 26.0788, 19.4354,
12.2744

■ 23.9530, 16.3075,
8.1021

■ 28.7583, 23.3560,
17.6021

■ 22.3409, 13.9155,
4.9986

■ 32.0249, 28.1150,
24.1611

■ 21.1991, 12.2001,
2.8669

■ 35.9113, 33.7581,
32.0220

■ 20.4769, 11.0911,
1.5919

■ 40.4472, 40.3271,
41.2497

■ 20.1144, 10.5281,
0.9720

■ 45.6604, 47.8609,
51.9049

■ 51.5771, 56.3963,
64.0446

■ 58.2221, 65.9680,
77.7227

■ 65.6191, 76.6092,
92.9903

■ 73.3852, 88.1896,
107.7622

Harmonies

Analogous

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



27.2744, 19.4354, 21.7042



26.0788, 19.4354, 12.2744



22.7750, 19.4354, 7.3821

Triad

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



26.0788, 19.4354, 12.2744



12.6566, 19.4354, 11.6379



18.2856, 19.4354, 51.6897

Complementary

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



26.0788, 19.4354, 12.2744



29.3915, 38.3673, 51.7553

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.



14.7496, 19.4354, 46.0699



26.0788, 19.4354, 12.2744



11.8033, 19.4354, 20.6286

Square

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



26.0788, 19.4354, 12.2744



15.0313, 19.4354, 7.1188



12.5112, 19.4354, 33.5495



22.4031, 19.4354, 46.9792

Rectangle

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



26.0788, 19.4354, 12.2744



20.0345, 19.4354, 6.0839



12.5112, 19.4354, 33.5495



16.9944, 19.4354, 50.9176

Sweetspot

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



26.0793, 19.4364, 12.2748



68.6913, 66.7990, 66.2396



32.0175, 21.1041, 45.7263



14.4449, 13.8740, 13.5406



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.0793, 19.4364, 12.2748



42.5105, 28.6313, 13.7543



31.6734, 30.6246, 14.1395



9.0420, 9.0869, 9.3843



13.7133, 7.2029, 0.6675



0.4965, 0.2800, 0.0279

Inverse Universe

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



29.3915, 38.3673, 51.7553



49.0794, 66.2909, 92.4133



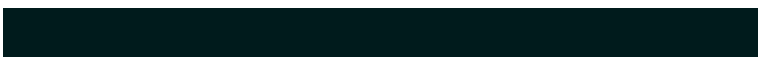
21.5001, 22.5843, 49.1248



9.2246, 10.1265, 11.5478



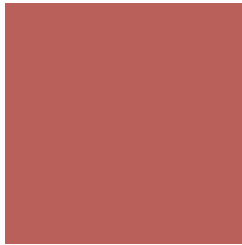
16.4381, 23.3358, 34.8910



0.5920, 0.8478, 1.2342

Previews

White Background



This preview shows how the XYZ color 26.0788, 19.4354, 12.2744 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 26.0788, 19.4354, 12.2744 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 26.0788, 19.4354, 12.2744

Background



This preview shows how black text looks on a background with the XYZ color 26.0788, 19.4354, 12.2744.



This preview shows how white text looks on a background with the XYZ color 26.0788, 19.4354,

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

26.0788, 19.4354, 12.2744

Protanopia

18.4610, 19.5655, 15.6355

Deuteranopia

19.9356, 19.5217, 11.7342



Tritanopia

26.6014, 19.3841, 14.6514

Trichromacy



Original Color

26.0788, 19.4354, 12.2744

Protanomaly

20.5517, 19.1007, 14.4080

Deuteranomaly

21.7273, 19.1154, 11.7770

Tritanomaly

26.4996, 19.4866, 13.6739

Monochromacy



Original Color

26.0788, 19.4354, 12.2744

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.4514, 18.9777, 17.6241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0788, 19.4354, 12.2744 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(185, 96, 91)` looks like.

```
.text, #text, p{  
    color:rgb(185, 96, 91)  
}
```

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(185, 96, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 96, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.0788, 19.4354, 12.2744 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(185, 96, 91) }
```


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

```
.border{ border-color:rgb(185, 96, 91) }
```

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

Here you see how a box with a 4 pixel rgb(185, 96, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 96, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 96, 91);  
box-shadow:4px 4px 4px 4px rgb(185, 96,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0788, 19.4354, 12.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 96, 91) }
```

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

```
.background{ background-color: rgb(185, 96,  
91) }
```

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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