

Converting Colors

XYZ(26.8114, 19.7829, 10.2304)

Have a look what the booklet for
XYZ(26.8114, 19.7829, 10.2304)
contains.

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Color

**XYZ(26.8126, 19.7256,
10.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5F51
RGB	190, 95, 81
RGB Percent	75%, 37%, 32%
CMY	0.2549, 0.6274, 0.6823
CMYK	0.00, 0.50, 0.57, 0.25
HSL	8°, 46%, 53%
HSV	8°, 57%, 75%
XYZ	26.8126, 19.7256, 10.1788
YIQ	121.8090, 61.1140, 15.7860

Conversions

Conversions Part 2

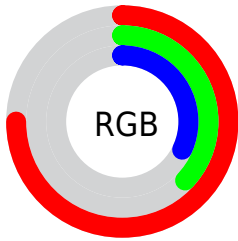
Format	Color
R_{YB}	190, 97, 81
Decimal	12476241
CIE Lab	51.53, 36.86, 25.65
CIE LCh	52, 44.911, 34.834
Yxy	19.7256, 0.4727, 0.3478
Android (android.graphics.Color)	4290666321 (0xFFBE5F51)
YUV	121.8090, -20.1188, 59.8035
Hunter-Lab	44.4135, 30.0375, 17.5012

Details

The XYZ color **26.8126, 19.7256, 10.1788** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.2119, 36.5157, 54.2763**, and the grayscale version is **18.4865, 19.4492, 21.1802**.

A 20% lighter version of the original color is **53.9548, 42.8301, 26.8960**, and **10.7725, 6.9097, 2.4350** is the 20% darker color. If you saturate the color by 10%, you get **24.8609, 16.8074, 6.4914**, and if you desaturate by 10%, it is **29.2816, 23.3597, 15.0223**.

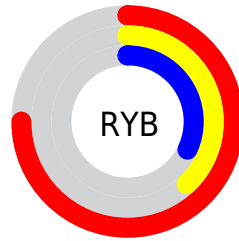
Distribution



Red (75%)

Green (37%)

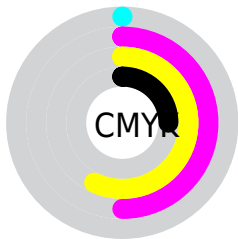
Blue (32%)



Red (75%)

Yellow (38%)

Blue (32%)

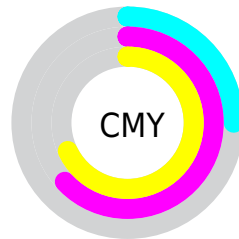


Cyan (0%)

Magenta (50%)

Yellow (57%)

Black (25%)



Cyan (25%)


Magenta (63%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8126, 19.7256, 10.1788 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 26.8126, 19.7256, 10.1788 by changing the saturation by 10% instead.


 26.8126, 19.7256,
10.1788


 26.8126, 19.7256,
10.1788


278.9327,
250.4257, 202.4744


 17.5684, 12.1957,
5.4105


 54.0050, 42.9567,
26.7443


 10.7384, 6.8771,
2.4272


 72.6839, 59.4266,
39.3786


 5.9572, 3.3854,
0.8012


 95.2385, 79.6454,
55.4721

 2.8595, 1.3361,
0.0000

 122.0340,
103.9975, 75.4431

 1.0799, 0.1689,
0.0000

 153.4358,
132.8671, 99.7103

 0.0082, 0.0000,
0.0000

189.8093,

 0.0000, 0.0000,

166.6388, 128.6923

0.0000

231.5198,
205.6969, 162.8074

■ 26.8126, 19.7256,
10.1788

■ 26.8126, 19.7256,
10.1788

■ 24.8609, 16.8074,
6.4914

■ 29.2816, 23.3597,
15.0223

■ 23.3877, 14.5546,
3.8622

■ 32.3002, 27.7495,
21.1068

■ 22.3510, 12.9151,
2.1790

■ 35.8995, 32.9358,
28.5102

■ 21.6963, 11.8256,
1.2827

■ 40.1079, 38.9554,
37.3038

■ 21.5703, 11.6175,
1.1055

■ 44.9521, 45.8427,
47.5539

■ 50.4571, 53.6304,
59.3224

■ 56.6464, 62.3493,
72.6677

■ 63.5425, 72.0290,
87.6451

■ 71.1669, 82.6974,
104.3072

Harmonies

Analogous

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



28.7944, 19.7256, 19.4505



26.8126, 19.7256, 10.1788



22.6866, 19.7256, 5.9218

Triad

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



26.8126, 19.7256, 10.1788



11.9395, 19.7256, 12.5473



19.4895, 19.7256, 56.9850

Complementary

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



26.8126, 19.7256, 10.1788



28.2119, 36.5157, 54.2763

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.



15.2949, 19.7256, 52.7427



26.8126, 19.7256, 10.1788



11.3621, 19.7256, 23.6413

Square

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



26.8126, 19.7256, 10.1788



14.2153, 19.7256, 6.8542



12.4891, 19.7256, 39.0336



24.1558, 19.7256, 49.0212

Rectangle

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



26.8126, 19.7256, 10.1788



19.5409, 19.7256, 5.0157



12.4891, 19.7256, 39.0336



17.9780, 19.7256, 56.9609

Sweetspot

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



26.8131, 19.7266, 10.1792



72.7577, 70.7014, 67.7600



32.1417, 20.0177, 43.9128



15.6157, 15.0101, 14.1206



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.8131, 19.7266, 10.1792



44.2343, 29.2186, 10.2702



33.3443, 32.7891, 12.3562



9.6263, 9.7287, 9.9471



14.3760, 7.7907, 0.7461



0.5958, 0.3705, 0.0401

Inverse Universe

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



28.2119, 36.5157, 54.2763



46.9164, 62.3798, 97.8469



19.7438, 19.5794, 51.4536



9.7012, 10.5947, 12.2059



15.2380, 20.5877, 35.5636



0.6265, 0.8656, 1.4029

Previews

White Background



This preview shows how the XYZ color 26.8126, 19.7256, 10.1788 looks on a white background.

Color Contrast Check

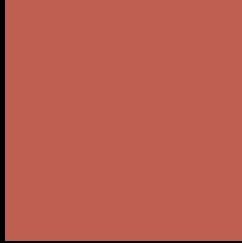
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8126, 19.7256, 10.1788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

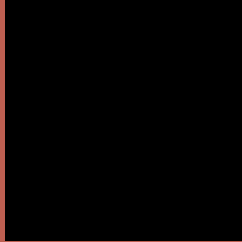
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8126, 19.7256, 10.1788

Background



This preview shows how black text looks on a background with the XYZ color 26.8126, 19.7256, 10.1788.



This preview shows how white text looks on a background with the XYZ color 26.8126, 19.7256,

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

26.8126, 19.7256, 10.1788

Protanopia

18.5745, 19.8618, 13.2107

Deuteranopia

20.2124, 19.8822, 9.7935



Tritanopia

27.5651, 19.6315, 14.1408

Trichromacy



Original Color

26.8126, 19.7256, 10.1788

Protanomaly

20.8452, 19.3038, 12.0785

Deuteranomaly

22.2609, 19.5944, 9.8166

Tritanomaly

27.3320, 19.6778, 12.4829

Monochromacy



Original Color

26.8126, 19.7256, 10.1788

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.4806, 18.8529, 16.4694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8126, 19.7256, 10.1788 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(190, 95, 81)` looks like.

```
.text, #text, p{  
    color:rgb(190, 95, 81)  
}
```

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(190, 95, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 95, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.8126, 19.7256, 10.1788 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(190, 95, 81) }
```


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

```
.border{ border-color:rgb(190, 95, 81) }
```

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

Here you see how a box with a 4 pixel rgb(190, 95, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 95, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 95, 81);  
box-shadow:4px 4px 4px 4px rgb(190, 95,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8126, 19.7256, 10.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 95, 81) }
```

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

```
.background{ background-color: rgb(190, 95,  
81) }
```

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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