

Converting Colors

XYZ(25.9869, 20.1584, 9.7137)

Have a look what the booklet for
XYZ(25.9869, 20.1584, 9.7137)
contains.

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Color

**XYZ(26.0364, 20.1717,
9.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	B9654E
RGB	185, 101, 78
RGB Percent	73%, 40%, 31%
CMY	0.2745, 0.6039, 0.6941
CMYK	0.00, 0.45, 0.58, 0.27
HSL	13°, 43%, 52%
HSV	13°, 58%, 73%
XYZ	26.0364, 20.1717, 9.7290
YIQ	123.4940, 57.4470, 10.6550

Conversions

Conversions Part 2

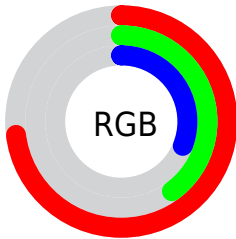
Format	Color
R_{YB}	185, 107, 78
Decimal	12150094
CIE _{Lab}	52.03, 31.49, 27.88
CIE _{LCh}	52, 42.060, 41.522
Yxy	20.1717, 0.4655, 0.3606
Android (android.graphics.Color)	4290340174 (0xFFB9654E)
YUV	123.4940, -22.4285, 53.9408
Hunter-Lab	44.9129, 24.8804, 18.5957

Details

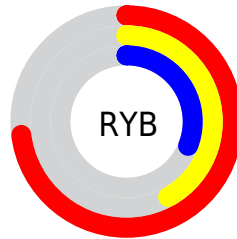
The XYZ color **26.0364, 20.1717, 9.7290** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.8183, 30.9614, 50.5668**, and the grayscale version is **19.0493, 20.0413, 21.8250**.

A 20% lighter version of the original color is **52.8782, 43.7272, 25.7319**, and **10.2549, 7.0778, 2.2645** is the 20% darker color. If you saturate the color by 10%, you get **24.1765, 17.3682, 6.2843**, and if you desaturate by 10%, it is **28.3331, 23.5503, 14.2400**.

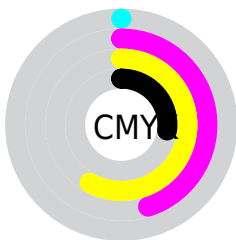
Distribution



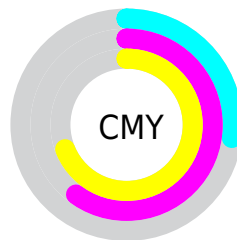
- Red (73%)
- Green (40%)
- Blue (31%)



- Red (73%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (27%)





- Cyan (27%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0364, 20.1717, 9.7290 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 26.0364, 20.1717, 9.7290 by changing the saturation by 10% instead.


 26.0364, 20.1717,
9.7290


 26.0364, 20.1717,
9.7290


275.2141,
252.8431, 199.1408


 16.9837, 12.5199,
5.1164


 52.7645, 43.7049,
25.8843

 10.3181, 7.0988,
2.2558


 71.1707, 60.3550,
38.2641

 5.6743, 3.5240,
0.7063

 93.4254, 80.7735,
54.0700

 2.6868, 1.4110,
0.0000

 119.8939,
105.3445, 73.7207

 0.9904, 0.2248,
0.0000

 150.9417,
134.4526, 97.6345

 0.0000, 0.0000,
0.0000

186.9341,

168.4822, 126.2301

228.2365,
207.8175, 159.9261

■ 26.0364, 20.1717,
9.7290

■ 26.0364, 20.1717,
9.7290

■ 24.1765, 17.3682,
6.2843

■ 28.3331, 23.5503,
14.2400

■ 22.7226, 15.1040,
3.8157

■ 31.0914, 27.5308,
19.8952

■ 21.6421, 13.3439,
2.2196

■ 34.3361, 32.1421,
26.7665

■ 20.8902, 12.0446,
1.3387

■ 38.0896, 37.4104,
34.9195

■ 20.7587, 11.8167,
1.1867

■ 42.3730, 43.3602,
44.4152

■ 47.2061, 50.0149,
55.3104

■ 52.6078, 57.3967,
67.6589

■ 58.5958, 65.5267,
81.5116

■ 65.1873, 74.4253,
96.9169

Harmonies

Analogous

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



28.4456, 20.1717, 17.5741



26.0364, 20.1717, 9.7290



21.9080, 20.1717, 6.3117

Triad

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



26.0364, 20.1717, 9.7290



12.3641, 20.1717, 15.2939



20.8681, 20.1717, 54.2016

Complementary

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



26.0364, 20.1717, 9.7290



24.8183, 30.9614, 50.5668

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.



16.6749, 20.1717, 52.8580



26.0364, 20.1717, 9.7290



12.1718, 20.1717, 27.0291

Square

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



26.0364, 20.1717, 9.7290



14.2072, 20.1717, 8.5980



13.6354, 20.1717, 41.6444



25.1780, 20.1717, 44.8275

Rectangle

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



26.0364, 20.1717, 9.7290



18.9543, 20.1717, 5.7994



13.6354, 20.1717, 41.6444



19.3926, 20.1717, 55.0604

Sweetspot

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



26.0369, 20.1728, 9.7294



68.6222, 67.5655, 63.4277



29.3967, 18.4291, 36.9406



14.4877, 14.1385, 13.0028



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.



26.0369, 20.1728, 9.7294



42.6413, 30.0944, 10.0943



32.7575, 33.6141, 11.9696



9.1570, 9.3169, 9.4226



14.1796, 8.1356, 0.8230



0.5457, 0.3785, 0.0443

Inverse Universe

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



24.8183, 30.9614, 50.5668



40.1577, 50.9942, 89.9309



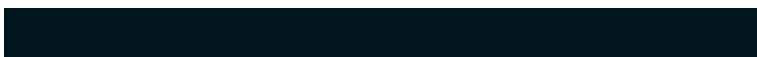
17.4857, 16.2961, 48.1226



9.0984, 9.8740, 11.5058



12.9354, 16.3304, 33.7234



0.4975, 0.6586, 1.2027

Previews

White Background



This preview shows how the XYZ color 26.0364, 20.1717, 9.7290 looks on a white background.

Color Contrast Check

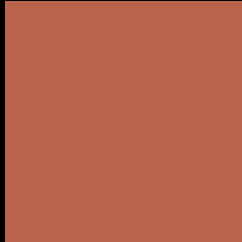
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0364, 20.1717, 9.7290 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 26.0364, 20.1717, 9.7290

Background



This preview shows how black text looks on a background with the XYZ color 26.0364, 20.1717, 9.7290.



This preview shows how white text looks on a background with the XYZ color 26.0364, 20.1717,

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

26.0364, 20.1717, 9.7290

Protanopia

18.7595, 20.1718, 11.9216

Deuteranopia

20.6293, 20.2810, 9.4839



Tritanopia

27.2669, 20.1137, 15.5419

Trichromacy



Original Color

26.0364, 20.1717, 9.7290

Protanomaly

20.9825, 19.9032, 11.1233

Deuteranomaly

22.2029, 19.8967, 9.5077

Tritanomaly

26.6829, 20.0007, 13.2806

Monochromacy



Original Color

26.0364, 20.1717, 9.7290

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.6386, 19.4340, 16.5733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0364, 20.1717, 9.7290 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, 101, 78)` looks like.

```
.text, #text, p{  
    color:rgb(185, 101, 78)  
}
```

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, 101, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 101, 78) }
```

Border

The CSS property to change the border of an element to XYZ 26.0364, 20.1717, 9.7290 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, 101, 78) }
```


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

```
.border{ border-color:rgb(185, 101, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 101, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 101, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 101, 78);  
box-shadow:4px 4px 4px 4px rgb(185, 101,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0364, 20.1717, 9.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 101, 78) }
```

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

```
.background{ background-color: rgb(185,  
101, 78) }
```

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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