

Converting Colors

XYZ(26.8251, 21.4724, 12.9409)

Have a look what the booklet for
XYZ(26.8251, 21.4724, 12.9409)
contains.

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Color

**XYZ(26.7179, 21.3554,
12.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	B76B5C
RGB	183, 107, 92
RGB Percent	72%, 42%, 36%
CMY	0.2824, 0.5804, 0.6392
CMYK	0.00, 0.42, 0.50, 0.28
HSL	10°, 39%, 54%
HSV	10°, 50%, 72%
XYZ	26.7179, 21.3554, 12.8390
YIQ	128.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

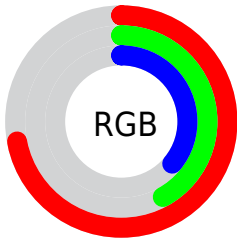
Format	Color
R_{YB}	183, 110, 92
Decimal	12020572
CIE Lab	53.34, 28.67, 21.47
CIE LCh	53, 35.820, 36.828
Yxy	21.3554, 0.4386, 0.3506
Android (android.graphics.Color)	4290210652 (0xFFB76B5C)
YUV	128.0140, -17.7549, 48.2227
Hunter-Lab	46.2119, 22.3308, 15.8759

Details

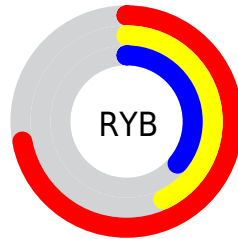
The XYZ color **26.7179, 21.3554, 12.8390** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.9627, 33.6977, 49.8828**, and the grayscale version is **20.5707, 21.6420, 23.5681**.

A 20% lighter version of the original color is **53.8986, 45.6265, 31.5572**, and **10.7586, 7.7354, 3.5108** is the 20% darker color. If you saturate the color by 10%, you get **24.5575, 18.1640, 8.6375**, and if you desaturate by 10%, it is **29.3542, 25.1895, 18.1528**.

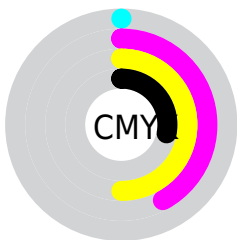
Distribution



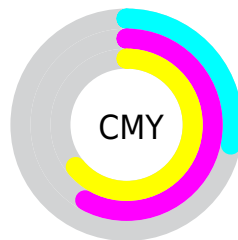
- Red (72%)
- Green (42%)
- Blue (36%)



- Red (72%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7179, 21.3554, 12.8390 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 26.7179, 21.3554, 12.8390 by changing the saturation by 10% instead.

 26.7179, 21.3554,
12.8390


 26.7179, 21.3554,
12.8390


278.4812,
259.1613, 221.0547


 17.4970, 13.3840,
7.1884


 53.8539, 45.6783,
31.7012


 10.6869, 7.6935,
3.4999


 72.4998, 62.7986,
45.7498

 5.9225, 3.8995,
1.3552

 95.0179, 83.7373,
63.4348

 2.8382, 1.6175,
0.1064

 121.7738,
108.8789, 85.1747

 1.0688, 0.3693,
0.0000

153.1326,
138.6076, 111.3882

 0.0000, 0.0000,
0.0000

189.4599,

173.3080, 142.4936

231.1210,
213.3644, 178.9096

■ 26.7179, 21.3554,
12.8390

■ 26.7179, 21.3554,
12.8390

■ 24.5575, 18.1640,
8.6375

■ 29.3542, 25.1895,
18.1528

■ 22.8425, 15.5767,
5.4677

■ 32.4913, 29.6956,
24.6494

■ 21.5411, 13.5558,
3.2398


■ 36.1542, 34.9051,
32.3948


■ 20.6163, 12.0578,
1.8480


■ 40.3659, 40.8465,
41.4498

■ 20.0105, 11.0272,
1.0882


■ 45.1477, 47.5467,
51.8714

 19.9971, 11.0046,
1.0701

 50.5200, 55.0313,
63.7128

 56.5023, 63.3245,
77.0249

 63.1128, 72.4496,
91.8556

 70.0943, 82.3190,
106.8025

Harmonies

Analogous

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



28.4408, 21.3554, 20.8548



26.7179, 21.3554, 12.8390



23.3071, 21.3554, 8.8439

Triad

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



26.7179, 21.3554, 12.8390



14.3002, 21.3554, 15.9593



21.1778, 21.3554, 50.7929

Complementary

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



26.7179, 21.3554, 12.8390



26.9627, 33.6977, 49.8828

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.



17.5592, 21.3554, 48.2475



26.7179, 21.3554, 12.8390



13.8793, 21.3554, 25.8271

Square

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



26.7179, 21.3554, 12.8390



16.2297, 21.3554, 10.2136



14.9983, 21.3554, 38.1664



24.9943, 21.3554, 44.3166

Rectangle

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



26.7179, 21.3554, 12.8390



20.7042, 21.3554, 8.0037



14.9983, 21.3554, 38.1664



19.8965, 21.3554, 50.9888

Sweetspot

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



26.7184, 21.3565, 12.8394



68.0062, 67.1152, 64.9854



30.5499, 20.5994, 40.0745



14.6777, 14.3396, 13.6182



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.



26.7184, 21.3565, 12.8394



43.5508, 31.8868, 14.6525



32.5510, 33.0215, 14.7836



9.1211, 9.2451, 9.4107



13.9850, 7.7464, 0.7581



0.5305, 0.3480, 0.0392

Inverse Universe

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



26.9627, 33.6977, 49.8828



43.9805, 56.4840, 88.8202



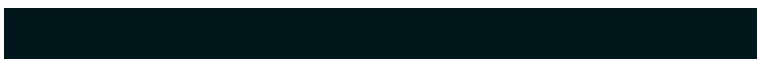
20.1498, 20.0721, 47.6119



9.1372, 9.9517, 11.5187



13.9323, 18.3242, 34.0557



0.5251, 0.7139, 1.2119

Previews

White Background



This preview shows how the XYZ color 26.7179, 21.3554, 12.8390 looks on a white background.

Color Contrast Check

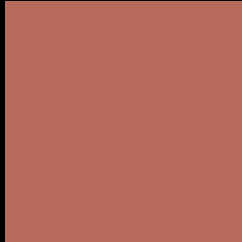
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7179, 21.3554, 12.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

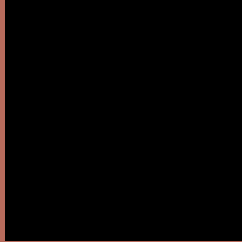
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7179, 21.3554, 12.8390

Background



This preview shows how black text looks on a background with the XYZ color 26.7179, 21.3554, 12.8390.



This preview shows how white text looks on a background with the XYZ color 26.7179, 21.3554,

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

26.7179, 21.3554, 12.8390

Protanopia

20.2215, 21.6122, 15.4177

Deuteranopia

21.7116, 21.3157, 12.4212



Tritanopia

27.6421, 21.2608, 17.9761

Trichromacy



Original Color

26.7179, 21.3554, 12.8390

Protanomaly

22.0579, 21.0871, 14.4629

Deuteranomaly

23.3110, 21.2473, 12.5454

Tritanomaly

27.3685, 21.3134, 16.0360

Monochromacy



Original Color

26.7179, 21.3554, 12.8390

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0237, 20.9666, 19.1058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7179, 21.3554, 12.8390 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(183, 107, 92)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 92)  
}
```

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(183, 107, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.7179, 21.3554, 12.8390 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(183, 107, 92) }
```


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

```
.border{ border-color:rgb(183, 107, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 107, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 92);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7179, 21.3554, 12.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 92) }
```

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

```
.background{ background-color: rgb(183,  
107, 92) }
```

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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