

Converting Colors

XYZ(26.6743, 20.1695, 14.4544)

Have a look what the booklet for
XYZ(26.6743, 20.1695, 14.4544)
contains.

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Color

**XYZ(26.7697, 20.1581,
14.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	B96364
RGB	185, 99, 100
RGB Percent	73%, 39%, 39%
CMY	0.2745, 0.6117, 0.6078
CMYK	0.00, 0.46, 0.46, 0.27
HSL	359°, 38%, 56%
HSV	359°, 46%, 73%
XYZ	26.7697, 20.1581, 14.5366
YIQ	124.8280, 50.9350, 18.5430

Conversions

Conversions Part 2

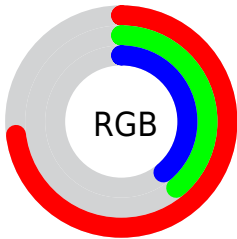
Format	Color
R_{YB}	185, 99, 100
Decimal	12149604
CIE _{Lab}	52.02, 34.58, 15.05
CIE _{LCh}	52, 37.710, 23.521
Yxy	20.1581, 0.4355, 0.3280
Android (android.graphics.Color)	4290339684 (0xFFB96364)
YUV	124.8280, -12.2402, 52.7708
Hunter-Lab	44.8978, 27.8571, 12.2321

Details

The XYZ color **26.7697, 20.1581, 14.5366** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.1473, 40.8117, 51.5857**, and the grayscale version is **19.4636, 20.4772, 22.2997**.

A 20% lighter version of the original color is **53.9607, 43.6007, 34.8499**, and **10.6430, 7.0429, 4.1666** is the 20% darker color. If you saturate the color by 10%, you get **24.4255, 16.7308, 9.8679**, and if you desaturate by 10%, it is **29.7150, 24.4698, 20.3860**.

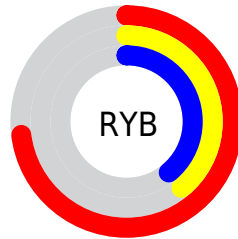
Distribution



Red (73%)

Green (39%)

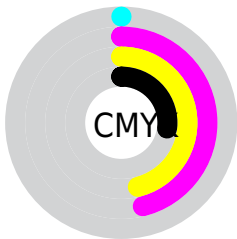
Blue (39%)



Red (73%)

Yellow (39%)

Blue (39%)

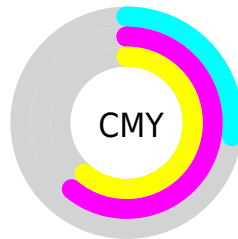


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (27%)



Cyan (27%)


Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7697, 20.1581, 14.5366 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 26.7697, 20.1581, 14.5366 by changing the saturation by 10% instead.


 26.7697, 20.1581,
14.5366

 26.7697, 20.1581,
14.5366


278.7282,
252.7697, 232.0873


 17.5360, 12.5100,
8.3518


 53.9366, 43.6821,
34.7689


 10.7151, 7.0920,
4.2299


 72.6005, 60.3268,
49.6535

 5.9414, 3.5197,
1.7523


 95.1386, 80.7392,
68.2751

 2.8498, 1.4087,
0.3962

 121.9161,
105.3036, 91.0523

 1.0749, 0.2231,
0.0000

153.2985,
134.4044, 118.4035

 0.0039, 0.0000,
0.0000

189.6511,

 0.0000, 0.0000,

168.4262, 150.7474

0.0000

231.3392,
207.7531, 188.5025

■ 26.7697, 20.1581,
14.5366

■ 26.7697, 20.1581,
14.5366

■ 24.4255, 16.7308,
9.8679

■ 29.7150, 24.4698,
20.3860

■ 22.6397, 14.1238,
6.2987

■ 33.2972, 29.7181,
27.4877

■ 21.3663, 12.2696,
3.7392


■ 37.5513, 35.9545,
35.9088


■ 20.5515, 11.0882,
2.0853


■ 42.5090, 43.2263,
45.7115


■ 20.1251, 10.4743,
1.2072


■ 48.2002, 51.5773,
56.9538

 20.0193, 10.3190,
0.9981

 54.6530, 61.0492,
69.6907

 61.8941, 71.6812,
83.9739

 69.9488, 83.5107,
99.8531

 73.8175, 89.0543,
107.9063

Harmonies

Analogous

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



27.4847, 20.1581, 24.4258



26.7697, 20.1581, 14.5366



23.8999, 20.1581, 8.9460

Triad

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



26.7697, 20.1581, 14.5366



13.8085, 20.1581, 11.6135



18.3374, 20.1581, 50.4256

Complementary

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



26.7697, 20.1581, 14.5366



31.1473, 40.8117, 51.5857

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.



15.0917, 20.1581, 43.7558



26.7697, 20.1581, 14.5366



12.7124, 20.1581, 19.6451

Square

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



26.7697, 20.1581, 14.5366



16.3580, 20.1581, 7.6958



13.1487, 20.1581, 31.5297



22.2643, 20.1581, 47.6506

Rectangle

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



26.7697, 20.1581, 14.5366



21.3344, 20.1581, 7.2619



13.1487, 20.1581, 31.5297



17.1380, 20.1581, 49.1575

Sweetspot

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



26.7702, 20.1591, 14.5370



69.1441, 67.1659, 68.0509



32.8828, 22.5644, 48.5211



14.5183, 13.9109, 13.9033



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.



26.7702, 20.1591, 14.5370



43.5878, 29.7335, 17.3577



31.7215, 30.1383, 15.9512



9.0087, 9.0139, 9.3933



13.6332, 7.0271, 0.6895



0.4820, 0.2483, 0.0318

Inverse Universe

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



26.7702, 20.1591, 14.5370



43.5878, 29.7335, 17.3577



23.7912, 25.9318, 49.6503



9.0087, 9.0139, 9.3933



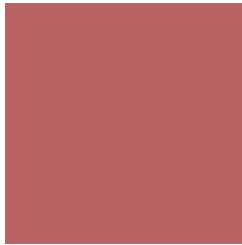
13.6332, 7.0271, 0.6895



0.4820, 0.2483, 0.0318

Previews

White Background



This preview shows how the XYZ color 26.7697, 20.1581, 14.5366 looks on a white background.

Color Contrast Check

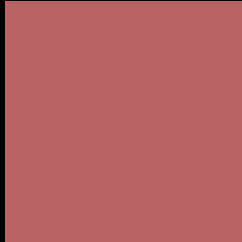
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7697, 20.1581, 14.5366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

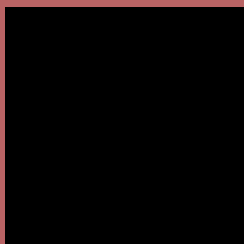
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7697, 20.1581, 14.5366

Background



This preview shows how black text looks on a background with the XYZ color 26.7697, 20.1581, 14.5366.



This preview shows how white text looks on a background with the XYZ color 26.7697, 20.1581,

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

26.7697, 20.1581, 14.5366

Protanopia

19.3382, 20.3310, 18.2343

Deuteranopia

20.6819, 20.3885, 13.9116



Tritanopia

26.9251, 20.0696, 15.8193

Trichromacy



Original Color

26.7697, 20.1581, 14.5366

Protanomaly

21.4152, 19.8282, 16.8859

Deuteranomaly

22.4490, 19.9250, 13.9720

Tritanomaly

26.8234, 20.0289, 15.2842

Monochromacy



Original Color

26.7697, 20.1581, 14.5366

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.4304, 19.9548, 19.2452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7697, 20.1581, 14.5366 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, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(185, 99, 100)  
}
```

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, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 99, 100) }
```

Border

The CSS property to change the border of an element to XYZ 26.7697, 20.1581, 14.5366 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, 99, 100) }
```


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

```
.border{ border-color:rgb(185, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 99, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 99, 100); box-shadow:4px 4px 4px 4px rgb(185, 99, 100) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7697, 20.1581, 14.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 99, 100) }
```

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

```
.background{ background-color: rgb(185, 99,  
100) }
```

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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