

Converting Colors

XYZ(25.9010, 19.2472, 13.6965)

Have a look what the booklet for
XYZ(25.9010, 19.2472, 13.6965)
contains.

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Color

**XYZ(25.8690, 19.2961,
13.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	B76061
RGB	183, 96, 97
RGB Percent	72%, 38%, 38%
CMY	0.2824, 0.6235, 0.6196
CMYK	0.00, 0.48, 0.47, 0.28
HSL	359°, 38%, 55%
HSV	359°, 48%, 72%
XYZ	25.8690, 19.2961, 13.6703
YIQ	122.1270, 51.5310, 18.7550

Conversions

Conversions Part 2

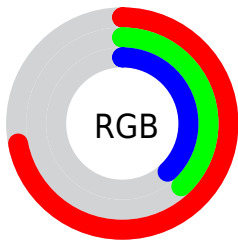
Format	Color
R_{YB}	183, 96, 97
Decimal	12017761
CIE Lab	51.03, 35.10, 15.43
CIE LCh	51, 38.339, 23.725
Yxy	19.2961, 0.4397, 0.3280
Android (android.graphics.Color)	4290207841 (0xFFB76061)
YUV	122.1270, -12.3876, 53.3856
Hunter-Lab	43.9273, 28.2466, 12.2979

Details

The XYZ color **25.8690, 19.2961, 13.6703** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.2019, 39.7316, 50.3357**, and the grayscale version is **18.5681, 19.5351, 21.2737**.

A 20% lighter version of the original color is **52.5531, 42.1952, 33.3916**, and **10.1787, 6.6286, 3.8749** is the 20% darker color. If you saturate the color by 10%, you get **23.6399, 16.0375, 9.2296**, and if you desaturate by 10%, it is **28.6800, 23.4108, 19.2544**.

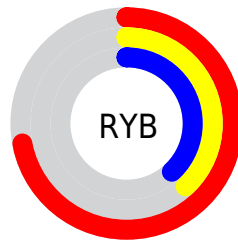
Distribution



Red (72%)

Green (38%)

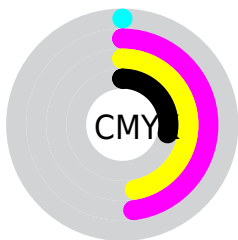
Blue (38%)



Red (72%)

Yellow (38%)

Blue (38%)

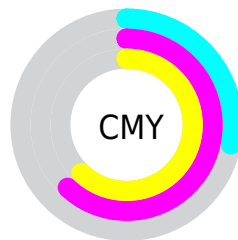


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (28%)



Cyan (28%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8690, 19.2961, 13.6703 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 25.8690, 19.2961, 13.6703 by changing the saturation by 10% instead.

 25.8690, 19.2961,
13.6703


 25.8690, 19.2961,
13.6703


274.4069,
248.0786, 226.5266


 16.8578, 11.8844,
7.7556


 52.4963, 42.2338,
33.2115

 10.2279, 6.6650,
3.8534


 70.8432, 58.5287,
47.6751

 5.6137, 3.2535,
1.5453

 93.0327, 78.5534,
65.8255

 2.6501, 1.2655,
0.2513

 119.4302,
102.6924, 88.0810

 0.9715, 0.1142,
0.0000

150.4010,
131.3300, 114.8604

 0.0000, 0.0000,
0.0000

186.3105,

164.8506, 146.5821

227.5240,
203.6387, 183.6647

■ 25.8690, 19.2961,
13.6703

■ 25.8690, 19.2961,
13.6703

■ 23.6399, 16.0375,
9.2296

■ 28.6800, 23.4108,
19.2544

■ 21.9508, 13.5720,
5.8521

■ 32.1083, 28.4330,
26.0521

■ 20.7561, 11.8329,
3.4495


■ 36.1879, 34.4133,
34.1295


■ 20.0026, 10.7410,
1.9183


■ 40.9502, 41.3980,
43.5475


■ 19.6132, 10.1794,
1.1191

■ 46.4245, 49.4301,
54.3630

 19.5399, 10.0719,
0.9743

 52.6382, 58.5504,
66.6299

 59.6175, 68.7973,
80.3989

 67.3872, 80.2075,
95.7186

 73.3384, 88.8073,
107.8839

Harmonies

Analogous

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



26.5968, 19.2961, 23.3793



25.8690, 19.2961, 13.6703



23.0080, 19.2961, 8.2597

Triad

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



25.8690, 19.2961, 13.6703



13.0617, 19.2961, 10.9083



17.5539, 19.2961, 49.4006

Complementary

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



25.8690, 19.2961, 13.6703



30.2019, 39.7316, 50.3357

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.



14.3510, 19.2961, 42.7768



25.8690, 19.2961, 13.6703



11.9984, 19.2961, 18.8067

Square

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



25.8690, 19.2961, 13.6703



15.5569, 19.2961, 7.0930



12.4356, 19.2961, 30.5958



21.4375, 19.2961, 46.5539

Rectangle

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



25.8690, 19.2961, 13.6703



20.4634, 19.2961, 6.6519



12.4356, 19.2961, 30.5958



16.3695, 19.2961, 48.1512

Sweetspot

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



25.8695, 19.2971, 13.6707



67.4945, 65.5673, 66.4321



31.9159, 21.6760, 47.3014



14.5181, 13.9109, 13.9026



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.



25.8695, 19.2971, 13.6707



42.1984, 28.5179, 16.2498



30.7361, 29.1040, 15.0653



9.0087, 9.0138, 9.3931



13.6331, 7.0270, 0.6889



0.4820, 0.2483, 0.0317

Inverse Universe

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



25.8695, 19.2971, 13.6707



42.1984, 28.5179, 16.2498



22.8896, 24.9418, 48.4075



9.0087, 9.0138, 9.3931



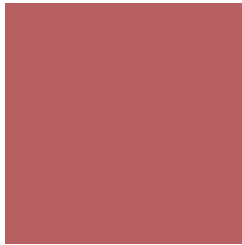
13.6331, 7.0270, 0.6889



0.4820, 0.2483, 0.0317

Previews

White Background



This preview shows how the XYZ color 25.8690, 19.2961, 13.6703 looks on a white background.

Color Contrast Check

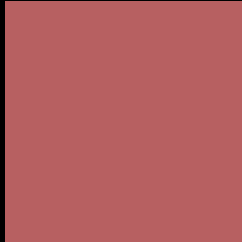
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8690, 19.2961, 13.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

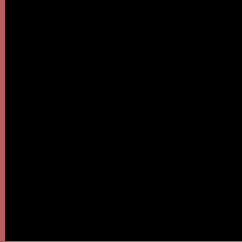
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8690, 19.2961, 13.6703

Background



This preview shows how black text looks on a background with the XYZ color 25.8690, 19.2961, 13.6703.

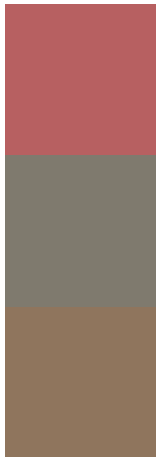


This preview shows how white text looks on a background with the XYZ color 25.8690, 19.2961,

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

25.8690, 19.2961, 13.6703

Protanopia

18.5264, 19.5569, 17.5503

Deuteranopia

19.6648, 19.3525, 13.0549



Tritanopia

26.0189, 19.2110, 14.9071

Trichromacy



Original Color

25.8690, 19.2961, 13.6703

Protanomaly

20.4876, 19.0332, 15.9586

Deuteranomaly

21.5896, 19.0145, 13.1220

Tritanomaly

25.9209, 19.1718, 14.3909

Monochromacy



Original Color

25.8690, 19.2961, 13.6703

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.3874, 18.9318, 18.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8690, 19.2961, 13.6703 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, 96, 97)` looks like.

```
.text, #text, p{  
    color:rgb(183, 96, 97)  
}
```

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, 96, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 96, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.8690, 19.2961, 13.6703 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, 96, 97) }
```


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

```
.border{ border-color:rgb(183, 96, 97) }
```

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

Here you see how a box with a 4 pixel rgb(183, 96, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 96, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 96, 97);  
box-shadow:4px 4px 4px 4px rgb(183, 96,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8690, 19.2961, 13.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 96, 97) }
```

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

```
.background{ background-color: rgb(183, 96,  
97) }
```

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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