

Converting Colors

XYZ(24.7531, 18.8266, 10.3334)

Have a look what the booklet for
XYZ(24.7531, 18.8266, 10.3334)
contains.

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Color

**XYZ(24.7619, 18.7987,
10.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	B56052
RGB	181, 96, 82
RGB Percent	71%, 38%, 32%
CMY	0.2902, 0.6235, 0.6784
CMYK	0.00, 0.47, 0.55, 0.29
HSL	8°, 40%, 52%
HSV	8°, 55%, 71%
XYZ	24.7619, 18.7987, 10.3061
YIQ	119.8190, 55.1540, 13.6660

Conversions

Conversions Part 2

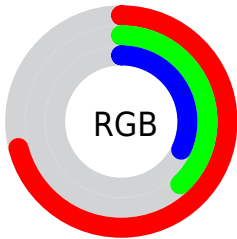
Format	Color
R_{YB}	181, 98, 82
Decimal	11886674
CIE Lab	50.45, 32.91, 23.42
CIE LCh	50, 40.397, 35.439
Yxy	18.7987, 0.4597, 0.3490
Android (android.graphics.Color)	4290076754 (0xFFB56052)
YUV	119.8190, -18.6448, 53.6557
Hunter-Lab	43.3575, 26.0676, 16.2570

Details

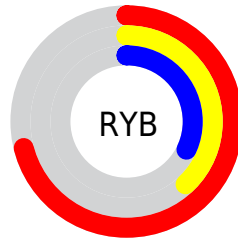
The XYZ color **24.7619, 18.7987, 10.3061** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.6380, 32.7657, 48.6889**, and the grayscale version is **17.8406, 18.7697, 20.4402**.

A 20% lighter version of the original color is **50.6899, 41.3710, 27.1435**, and **9.6626, 6.4517, 2.4863** is the 20% darker color. If you saturate the color by 10%, you get **22.8815, 15.9986, 6.7178**, and if you desaturate by 10%, it is **27.1052, 22.2340, 14.9452**.

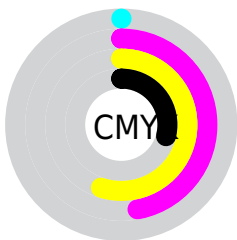
Distribution



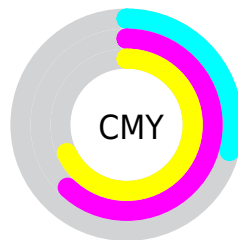
- Red (71%)
- Green (38%)
- Blue (32%)



- Red (71%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)
- Black (29%)





- Cyan (29%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7619, 18.7987, 10.3061 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 24.7619, 18.7987, 10.3061 by changing the saturation by 10% instead.

 24.7619, 18.7987,
10.3061

 24.7619, 18.7987,
10.3061


269.0197,
245.3352, 203.4066


 16.0275, 11.5249,
5.4941


 50.7164, 41.3937,
26.9864


 9.6346, 6.4211,
2.4762


 68.6672, 57.4836,
39.6919


 5.2178, 3.1028,
0.8275

 90.4209, 77.2811,
55.8656

 2.4117, 1.1856,
0.0000

 116.3428,
101.1706, 75.9261

 0.8509, 0.0499,
0.0000

 146.7982,
129.5363, 100.2918

 0.0000, 0.0000,
0.0000

182.1527,

162.7627, 129.3815

222.7713,
201.2342, 163.6136

■ 24.7619, 18.7987,
10.3061

■ 24.7619, 18.7987,
10.3061

■ 22.8815, 15.9986,
6.7178

■ 27.1052, 22.2340,
14.9452

■ 21.4313, 13.7916,
4.0968

■ 29.9382, 26.3371,
20.7079

■ 20.3766, 12.1353,
2.3483

■ 33.2874, 31.1421,
27.6614

■ 19.6762, 10.9801,
1.3580

■ 37.1769, 36.6797,
35.8677

■ 19.4166, 10.5451,
1.0120

■ 41.6293, 42.9790,
45.3841

■ 46.6659, 50.0674,
56.2646

■ 52.3068, 57.9708,
68.5602

■ 58.5713, 66.7141,
82.3190

■ 65.4777, 76.3211,
97.5871

Harmonies

Analogous

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



26.4997, 18.7987, 18.4842



24.7619, 18.7987, 10.3061



21.1978, 18.7987, 6.4163

Triad

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



24.7619, 18.7987, 10.3061



11.8359, 18.7987, 12.7235



18.5938, 18.7987, 50.4733

Complementary

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



24.7619, 18.7987, 10.3061



25.6380, 32.7657, 48.6889

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.



14.9058, 18.7987, 47.1512



24.7619, 18.7987, 10.3061



11.3488, 18.7987, 22.5902

Square

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



24.7619, 18.7987, 10.3061



13.8327, 18.7987, 7.4107



12.3888, 18.7987, 35.7645



22.6194, 18.7987, 43.6615

Rectangle

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



24.7619, 18.7987, 10.3061



18.4755, 18.7987, 5.5829



12.3888, 18.7987, 35.7645



17.2731, 18.7987, 50.5261

Sweetspot

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



24.7624, 18.7997, 10.3064



65.4228, 64.0451, 61.7756



29.1226, 18.6781, 39.0184



13.8259, 13.3956, 12.6865



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.7624, 18.7997, 10.3064



40.2870, 27.6074, 10.7492



30.6586, 30.5922, 12.2719



8.5901, 8.6928, 8.8777



13.4170, 7.3326, 0.7082



0.4525, 0.2914, 0.0324

Inverse Universe

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



25.6380, 32.7657, 48.6889



41.9440, 55.1063, 86.7205



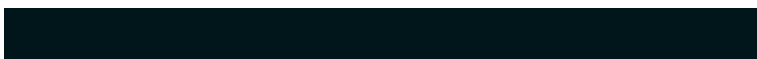
18.3341, 18.1578, 46.2543



8.6382, 9.4225, 10.8698



13.9140, 18.6284, 32.9993



0.4658, 0.6421, 1.0476

Previews

White Background



This preview shows how the XYZ color 24.7619, 18.7987, 10.3061 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 24.7619, 18.7987, 10.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

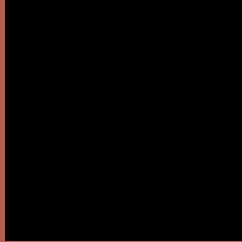
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7619, 18.7987, 10.3061

Background



This preview shows how black text looks on a background with the XYZ color 24.7619, 18.7987, 10.3061.



This preview shows how white text looks on a background with the XYZ color 24.7619, 18.7987,

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

24.7619, 18.7987, 10.3061

Protanopia

17.7015, 18.8728, 12.8351

Deuteranopia

19.1829, 18.8313, 9.8315



Tritanopia

25.5060, 18.6939, 14.3206

Trichromacy



Original Color

24.7619, 18.7987, 10.3061

Protanomaly

19.6586, 18.3694, 11.7420

Deuteranomaly

20.8744, 18.5587, 9.8791

Tritanomaly

25.2699, 18.7408, 12.6414

Monochromacy



Original Color

24.7619, 18.7987, 10.3061

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.4413, 18.1603, 16.1163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7619, 18.7987, 10.3061 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(181, 96, 82)` looks like.

```
.text, #text, p{  
    color:rgb(181, 96, 82)  
}
```

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(181, 96, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 96, 82) }
```

Border

The CSS property to change the border of an element to XYZ 24.7619, 18.7987, 10.3061 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(181, 96, 82) }
```


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

```
.border{ border-color:rgb(181, 96, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 96, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 96, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 96, 82);  
box-shadow:4px 4px 4px 4px rgb(181, 96,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7619, 18.7987, 10.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 96, 82) }
```

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

```
.background{ background-color: rgb(181, 96,  
82) }
```

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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