

Converting Colors

XYZ(24.6506, 19.0053, 12.7406)

Have a look what the booklet for
XYZ(24.6506, 19.0053, 12.7406)
contains.

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Color

**XYZ(24.7036, 18.9907,
12.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	B2625D
RGB	178, 98, 93
RGB Percent	70%, 38%, 36%
CMY	0.3020, 0.6157, 0.6353
CMYK	0.00, 0.45, 0.48, 0.30
HSL	4°, 36%, 53%
HSV	4°, 48%, 70%
XYZ	24.7036, 18.9907, 12.7195
YIQ	121.3500, 49.2850, 15.4050

Conversions

Conversions Part 2

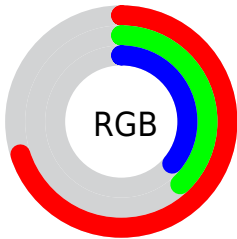
Format	Color
R_{YB}	178, 98, 93
Decimal	11690589
CIE Lab	50.68, 31.69, 17.19
CIE LCh	51, 36.052, 28.478
Yxy	18.9907, 0.4379, 0.3366
Android (android.graphics.Color)	4289880669 (0xFFB2625D)
YUV	121.3500, -13.9765, 49.6821
Hunter-Lab	43.5783, 24.9257, 13.1994

Details

The XYZ color **24.7036, 18.9907, 12.7195** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.4928, 35.4269, 47.5085**, and the grayscale version is **18.3205, 19.2746, 20.9900**.

A 20% lighter version of the original color is **50.4563, 41.6287, 31.3624**, and **9.6374, 6.5394, 3.4436** is the 20% darker color. If you saturate the color by 10%, you get **22.5983, 15.8983, 8.5703**, and if you desaturate by 10%, it is **27.3215, 22.8145, 17.9452**.

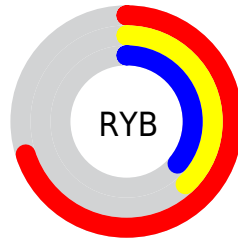
Distribution



Red (70%)

Green (38%)

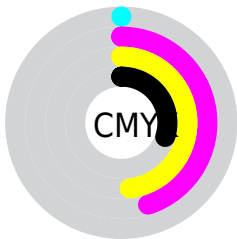
Blue (36%)



Red (70%)

Yellow (38%)

Blue (36%)

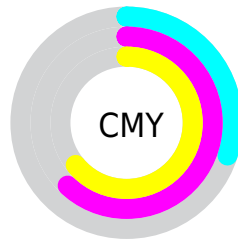


Cyan (0%)

Magenta (45%)

Yellow (48%)

Black (30%)



Cyan (30%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7036, 18.9907, 12.7195 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 24.7036, 18.9907, 12.7195 by changing the saturation by 10% instead.

■ 24.7036, 18.9907,
12.7195

■ 24.7036, 18.9907,
12.7195

268.7336,
246.3974, 220.2564

■ 15.9839, 11.6636,
7.1072

■ 50.6223, 41.7184,
31.4827

■ 9.6035, 6.5150,
3.4498

■ 68.5521, 57.8877,
45.4707

■ 5.1971, 3.1607,
1.3286

■ 90.2826, 77.7732,
63.0877

■ 2.3993, 1.2162,
0.0851

■ 116.1792,
101.7593, 84.7522

■ 0.8448, 0.0749,
0.0000

146.6072,
130.2304, 110.8828

■ 0.0000, 0.0000,
0.0000

181.9321,

163.5708, 141.8980

222.5191,
202.1651, 178.2164

■ 24.7036, 18.9907,
12.7195

■ 24.7036, 18.9907,
12.7195

■ 22.5983, 15.8983,
8.5703

■ 27.3215, 22.8145,
17.9452

■ 20.9704, 13.4880,
5.4217

■ 30.4809, 27.4091,
24.3140

■ 19.7830, 11.7089,
3.1894


■ 34.2106, 32.8147,
31.8887


■ 18.9929, 10.5020,
1.7751


■ 38.5366, 39.0676,
40.7269


■ 18.5423, 9.7944,
1.0281


■ 43.4836, 46.2022,
50.8825

 18.4739, 9.6925,
0.8972

 49.0746, 54.2508,
62.4066

 55.3318, 63.2442,
75.3472

 62.2760, 73.2115,
89.7501

 69.9273, 84.1808,
105.6593

Harmonies

Analogous

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



25.7277, 18.9907, 21.1988



24.7036, 18.9907, 12.7195



21.8396, 18.9907, 8.1324

Triad

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



24.7036, 18.9907, 12.7195



12.8567, 18.9907, 12.0830



17.8702, 18.9907, 46.8588

Complementary

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



24.7036, 18.9907, 12.7195



27.4928, 35.4269, 47.5085

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.



14.7264, 18.9907, 42.0895



24.7036, 18.9907, 12.7195



12.0756, 18.9907, 20.1651

Square

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



24.7036, 18.9907, 12.7195



15.0010, 18.9907, 7.8582



12.7134, 18.9907, 31.4100



21.4866, 18.9907, 42.9250

Rectangle

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



24.7036, 18.9907, 12.7195



19.4412, 18.9907, 6.8731



12.7134, 18.9907, 31.4100



16.7270, 18.9907, 46.1974

Sweetspot

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



24.7041, 18.9917, 12.7199



64.6670, 63.3093, 63.1878



29.8901, 20.3401, 42.2673



13.9687, 13.5080, 13.2683



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.



24.7041, 18.9917, 12.7199



40.9019, 28.7145, 15.3879



29.6775, 28.9386, 14.3777



8.5352, 8.5829, 8.8593



13.2346, 6.9679, 0.6474



0.4296, 0.2457, 0.0248

Inverse Universe

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



27.4928, 35.4269, 47.5085



46.5302, 61.9784, 85.8918



20.7001, 21.8415, 45.2442



8.6990, 9.5441, 10.8900



15.7218, 22.2439, 33.6019



0.5075, 0.7256, 1.0615

Previews

White Background



This preview shows how the XYZ color 24.7036, 18.9907, 12.7195 looks on a white background.

Color Contrast Check

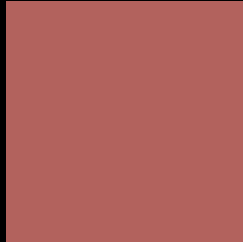
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7036, 18.9907, 12.7195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

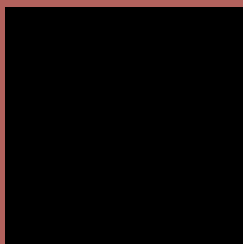
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7036, 18.9907, 12.7195

Background



This preview shows how black text looks on a background with the XYZ color 24.7036, 18.9907, 12.7195.



This preview shows how white text looks on a background with the XYZ color 24.7036, 18.9907,

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

24.7036, 18.9907, 12.7195

Protanopia

18.0885, 19.1862, 15.8467

Deuteranopia

19.4185, 19.0686, 12.3300



Tritanopia

25.2215, 18.9287, 15.1563

Trichromacy



Original Color

24.7036, 18.9907, 12.7195

Protanomaly

20.0594, 18.8413, 14.6361

Deuteranomaly

21.0673, 18.7605, 12.4083

Tritanomaly

25.1172, 19.0339, 14.1545

Monochromacy



Original Color

24.7036, 18.9907, 12.7195

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.9297, 18.7087, 17.5997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7036, 18.9907, 12.7195 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(178, 98, 93)` looks like.

```
.text, #text, p{  
    color:rgb(178, 98, 93)  
}
```

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(178, 98, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 98, 93) }
```

Border

The CSS property to change the border of an element to XYZ 24.7036, 18.9907, 12.7195 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(178, 98, 93) }
```


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

```
.border{ border-color:rgb(178, 98, 93) }
```

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

Here you see how a box with a 4 pixel rgb(178, 98, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 98, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 98, 93);  
box-shadow:4px 4px 4px 4px rgb(178, 98,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7036, 18.9907, 12.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 98, 93) }
```

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

```
.background{ background-color: rgb(178, 98,  
93) }
```

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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