

Converting Colors

XYZ(24.9895, 18.2220, 7.6935)

Have a look what the booklet for
XYZ(24.9895, 18.2220, 7.6935)
contains.

| | |
|--|----|
| XYZ(24.9493, 18.1688, 7.6608) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(24.9493, 18.1688,
7.6608)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BA5A44 |
| RGB | 186, 90, 68 |
| RGB Percent | 73%, 35%, 27% |
| CMY | 0.2706, 0.6470, 0.7333 |
| CMYK | 0.00, 0.52, 0.63, 0.27 |
| HSL | 11°, 46%, 50% |
| HSV | 11°, 63%, 73% |
| XYZ | 24.9493, 18.1688, 7.6608 |
| YIQ | 116.1960, 64.2780, 13.5100 |

Conversions

Conversions Part 2

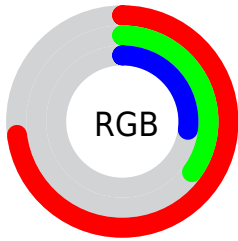
| Format | Color |
|-------------------------------------|--|
| RYB | 186, 95, 68 |
| Decimal | 12212804 |
| CIELab | 49.70, 36.95, 30.71 |
| CIELCh | 50, 48.048, 39.729 |
| Yxy | 18.1688, 0.4913, 0.3578 |
| Android (android.graphics.Color) | 4290402884 (0xFFBA5A44) |
| YUV | 116.1960, -23.7606, 61.2181 |
| Hunter-Lab | 42.6249, 29.8865, 19.1815 |

Details

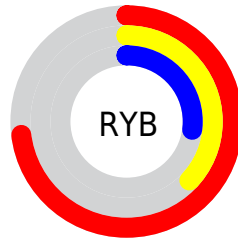
The XYZ color **24.9493, 18.1688, 7.6608** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.5214, 31.3232, 51.2078**, and the grayscale version is **16.7180, 17.5886, 19.1540**.

A 20% lighter version of the original color is **50.8899, 40.2232, 21.9113**, and **9.6761, 6.0956, 1.5307** is the 20% darker color. If you saturate the color by 10%, you get **23.3201, 15.6794, 4.7476**, and if you desaturate by 10%, it is **27.0193, 21.2518, 11.6095**.

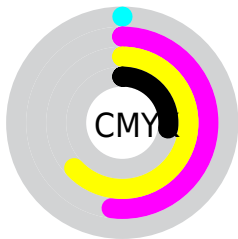
Distribution



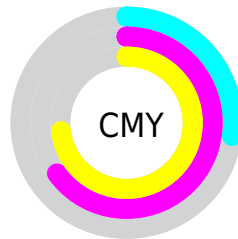
- Red (73%)
- Green (35%)
- Blue (27%)



- Red (73%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (63%)
- Black (27%)





- Cyan (27%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9493, 18.1688, 7.6608 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 24.9493, 18.1688, 7.6608 by changing the saturation by 10% instead.


 24.9493, 18.1688,
7.6608


 24.9493, 18.1688,
7.6608


269.9377,
241.8208, 182.8809


 16.1678, 11.0712,
3.7940


 51.0184, 40.3247,
21.8258


 9.7346, 6.1148,
1.5130


 69.0368, 56.1519,
32.9612

 5.2842, 2.9150,
0.2276

 90.8649, 75.6578,
47.3565

 2.4514, 1.0875,
0.0000

 116.8679, 99.2267,
65.4302

 0.8708, 0.0000,
0.0000

 147.4114,
127.2430, 87.6010

 0.0000, 0.0000,
0.0000

182.8606,

160.0912, 114.2873

223.5809,
198.1557, 145.9078

■ 24.9493, 18.1688,
7.6608

■ 24.9493, 18.1688,
7.6608

■ 23.3201, 15.6794,
4.7476

■ 27.0193, 21.2518,
11.6095

■ 22.0968, 13.7418,
2.7704

■ 29.5586, 24.9608,
16.6788

■ 21.2409, 12.3134,
1.6115

■ 32.5950, 29.3291,
22.9460

■ 20.8415, 11.6228,
1.1449

■ 36.1536, 34.3868,
30.4811

■ 40.2577, 40.1623,
39.3489

■ 44.9293, 46.6822,
49.6097

■ 50.1890, 53.9718,
61.3200

■ 56.0565, 62.0553,
74.5332

■ 62.5506, 70.9556,
89.3002

Harmonies

Analogous

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



27.4617, 18.1688, 15.8262



24.9493, 18.1688, 7.6608



20.4967, 18.1688, 4.3183

Triad

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



24.9493, 18.1688, 7.6608



10.2662, 18.1688, 12.2802



18.7973, 18.1688, 56.4120

Complementary

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



24.9493, 18.1688, 7.6608



24.5214, 31.3232, 51.2078

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.



14.3991, 18.1688, 54.0391



24.9493, 18.1688, 7.6608



9.9735, 18.1688, 24.3492

Square

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



24.9493, 18.1688, 7.6608



12.2380, 18.1688, 6.0514



11.3526, 18.1688, 40.6289



23.5183, 18.1688, 46.1449

Rectangle

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



24.9493, 18.1688, 7.6608



17.3104, 18.1688, 3.7774



11.3526, 18.1688, 40.6289



17.2274, 18.1688, 57.1427

Sweetspot

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



24.9497, 18.1698, 7.6611



68.4779, 66.4870, 61.5815



29.0508, 17.2670, 37.0975



14.6235, 13.9978, 12.5792



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.9497, 18.1698, 7.6611



41.3394, 26.9651, 7.0476



31.9826, 32.2355, 10.0054



9.1365, 9.2760, 9.4158



14.0629, 7.9022, 0.7841



0.5370, 0.3611, 0.0414

Inverse Universe

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



24.5214, 31.3232, 51.2078



40.3531, 52.4005, 92.1889



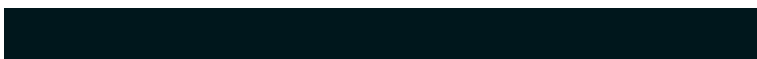
16.3359, 14.9523, 48.4793



9.1205, 9.9182, 11.5131



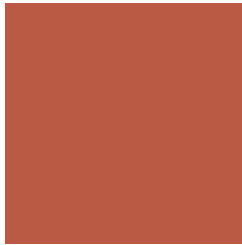
13.4931, 17.4459, 33.9093



0.5130, 0.6897, 1.2078

Previews

White Background



This preview shows how the XYZ color 24.9493, 18.1688, 7.6608 looks on a white 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

Black Background



This preview shows how the XYZ color 24.9493, 18.1688, 7.6608 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 24.9493, 18.1688, 7.6608

Background



This preview shows how black text looks on a background with the XYZ color 24.9493, 18.1688, 7.6608.



This preview shows how white text looks on a background with the XYZ color 24.9493, 18.1688,

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

24.9493, 18.1688, 7.6608

Protanopia

17.0614, 18.4253, 10.0543

Deuteranopia

18.4794, 18.1889, 7.2395



Tritanopia

25.8775, 18.1715, 12.4995

Trichromacy



Original Color

24.9493, 18.1688, 7.6608

Protanomaly

19.2102, 17.7172, 9.0639

Deuteranomaly

20.5029, 17.9584, 7.3867

Tritanomaly

25.5835, 18.1843, 10.5490

Monochromacy



Original Color

24.9493, 18.1688, 7.6608

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.4943, 17.0790, 14.1262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9493, 18.1688, 7.6608 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(186, 90, 68)` looks like.

```
.text, #text, p{  
    color:rgb(186, 90, 68)  
}
```

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(186, 90, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 90, 68) }
```

Border

The CSS property to change the border of an element to XYZ 24.9493, 18.1688, 7.6608 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(186, 90, 68) }
```


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

```
.border{ border-color:rgb(186, 90, 68) }
```

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

Here you see how a box with a 4 pixel rgb(186, 90, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 90, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 90, 68);  
box-shadow:4px 4px 4px 4px rgb(186, 90,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9493, 18.1688, 7.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 90, 68) }
```

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

```
.background{ background-color: rgb(186, 90,  
68) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor