

Converting Colors

XYZ(24.2328, 18.2450, 10.8388)

Have a look what the booklet for
XYZ(24.2328, 18.2450, 10.8388)
contains.

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Color

**XYZ(24.2328, 18.2450,
10.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	B35E55
RGB	179, 94, 85
RGB Percent	70%, 37%, 33%
CMY	0.2980, 0.6314, 0.6667
CMYK	0.00, 0.47, 0.53, 0.30
HSL	6°, 38%, 52%
HSV	6°, 53%, 70%
XYZ	24.2328, 18.2450, 10.8388
YIQ	118.3890, 53.5490, 15.2210

Conversions

Conversions Part 2

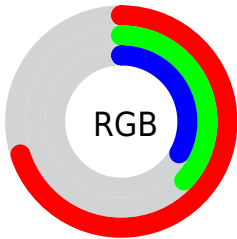
Format	Color
R _Y B	179, 95, 85
Decimal	11755093
CIE Lab	49.79, 33.46, 20.74
CIE LCh	50, 39.370, 31.795
Yxy	18.2450, 0.4545, 0.3422
Android (android.graphics.Color)	4289945173 (0xFFB35E55)
YUV	118.3890, -16.4608, 53.1558
Hunter-Lab	42.7142, 26.5177, 14.8550

Details

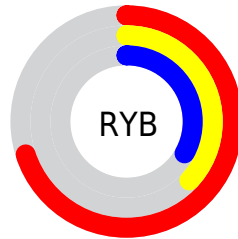
The XYZ color **24.2328, 18.2450, 10.8388** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.2569, 33.9336, 47.8136**, and the grayscale version is **17.3808, 18.2859, 19.9134**.

A 20% lighter version of the original color is **49.9120, 40.4842, 28.1053**, and **9.3474, 6.1675, 2.7053** is the 20% darker color. If you saturate the color by 10%, you get **22.3181, 15.4134, 7.1249**, and if you desaturate by 10%, it is **26.6301, 21.7540, 15.6013**.

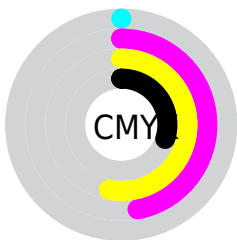
Distribution



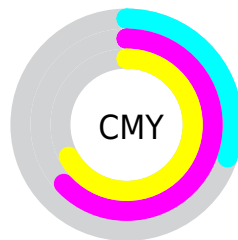
- Red (70%)
- Green (37%)
- Blue (33%)



- Red (70%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (53%)
- Black (30%)





- Cyan (30%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2328, 18.2450, 10.8388 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 24.2328, 18.2450, 10.8388 by changing the saturation by 10% instead.


 24.2328, 18.2450,
10.8388


 24.2328, 18.2450,
10.8388


266.4140,
242.2484, 207.2558


 15.6321, 11.1260,
5.8457

 49.8617, 40.4544,
27.9938


 9.3534, 6.1517,
2.6842


 67.6207, 56.3135,
40.9928


 5.0313, 2.9375,
0.9355

 89.1630, 75.8549,
57.4975

 2.3006, 1.0992,
0.0000

 114.8542, 99.4628,
77.9265

 0.7950, 0.0000,
0.0000

 145.0595,
127.5218, 102.6982

 0.0000, 0.0000,
0.0000

180.1444,

160.4161, 132.2314

220.4741,
198.5301, 166.9444

■ 24.2328, 18.2450,
10.8388

■ 24.2328, 18.2450,
10.8388

■ 22.3181, 15.4134,
7.1249

■ 26.6301, 21.7540,
15.6013

■ 20.8518, 13.2128,
4.3793

■ 29.5383, 25.9773,
21.4825

■ 19.7973, 11.5955,
2.5119

■ 32.9854, 30.9525,
28.5476

■ 19.1115, 10.5055,
1.4150

■ 36.9967, 36.7136,
36.8564

■ 18.7931, 9.9891,
0.9376

■ 41.5959, 43.2926,
46.4649

■ 46.8056, 50.7199,
57.4253

■ 52.6468, 59.0241,
69.7874

■ 59.1399, 68.2325,
83.5982

■ 66.3042, 78.3714,
98.9024

Harmonies

Analogous

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



25.6083, 18.2450, 19.2248



24.2328, 18.2450, 10.8388



20.9837, 18.2450, 6.6441

Triad

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



24.2328, 18.2450, 10.8388



11.7234, 18.2450, 11.6056



17.5686, 18.2450, 48.5415

Complementary

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



24.2328, 18.2450, 10.8388



26.2569, 33.9336, 47.8136

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.



14.1469, 18.2450, 44.2382



24.2328, 18.2450, 10.8388



11.0778, 18.2450, 20.5207

Square

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



24.2328, 18.2450, 10.8388



13.8075, 18.2450, 6.9613



11.8985, 18.2450, 32.8785



21.4319, 18.2450, 43.1424

Rectangle

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



24.2328, 18.2450, 10.8388



18.3926, 18.2450, 5.6204



11.8985, 18.2450, 32.8785



16.3309, 18.2450, 48.1768

Sweetspot

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



24.2333, 18.2459, 10.8391



63.4401, 61.7081, 60.1507



29.2055, 19.0274, 40.7447



13.7310, 13.2059, 12.6549



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.



24.2333, 18.2459, 10.8391



39.5130, 26.9218, 11.8881



29.5838, 28.9471, 12.6227



8.5597, 8.6319, 8.8675



13.3029, 7.1043, 0.6701



0.4399, 0.2661, 0.0282

Inverse Universe

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



26.2569, 33.9336, 47.8136



43.4806, 57.9673, 85.2783



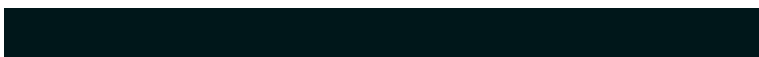
19.1117, 19.6432, 45.4319



8.6717, 9.4896, 10.8810



14.8876, 20.5756, 33.3238



0.4884, 0.6874, 1.0552

Previews

White Background



This preview shows how the XYZ color 24.2328, 18.2450, 10.8388 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 24.2328, 18.2450, 10.8388 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 24.2328, 18.2450, 10.8388

Background



This preview shows how black text looks on a background with the XYZ color 24.2328, 18.2450, 10.8388.



This preview shows how white text looks on a background with the XYZ color 24.2328, 18.2450,

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

24.2328, 18.2450, 10.8388

Protanopia

17.3123, 18.4738, 13.7197

Deuteranopia

18.6578, 18.3795, 10.3488



Tritanopia

24.9017, 18.2584, 14.0161

Trichromacy



Original Color

24.2328, 18.2450, 10.8388

Protanomaly

19.1848, 17.9443, 12.5777

Deuteranomaly

20.2983, 18.0931, 10.4051

Tritanomaly

24.7571, 18.3402, 12.8248

Monochromacy



Original Color

24.2328, 18.2450, 10.8388

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8854, 17.5533, 16.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2328, 18.2450, 10.8388 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(179, 94, 85)` looks like.

```
.text, #text, p{  
    color:rgb(179, 94, 85)  
}
```

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(179, 94, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 94, 85) }
```

Border

The CSS property to change the border of an element to XYZ 24.2328, 18.2450, 10.8388 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(179, 94, 85) }
```


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

```
.border{ border-color:rgb(179, 94, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 94, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 94, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 94, 85);  
box-shadow:4px 4px 4px 4px rgb(179, 94,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2328, 18.2450, 10.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 94, 85) }
```

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

```
.background{ background-color: rgb(179, 94,  
85) }
```

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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