

Converting Colors

XYZ(31.3758, 22.4408, 18.8975)

Have a look what the booklet for
XYZ(31.3758, 22.4408, 18.8975)
contains.

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Color

**XYZ(31.3758, 22.4408,
18.8975)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C86373 |
| RGB | 200, 99, 115 |
| RGB Percent | 78%, 39%, 45% |
| CMY | 0.2157, 0.6117, 0.5490 |
| CMYK | 0.00, 0.50, 0.42, 0.22 |
| HSL | 350°, 48%, 59% |
| HSV | 350°, 50%, 78% |
| XYZ | 31.3758, 22.4408, 18.8975 |
| YIQ | 131.0230, 55.0600, 26.3880 |

Conversions

Conversions Part 2

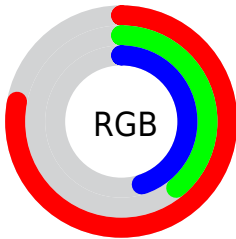
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 200, 99, 115 |
| Decimal | 13132659 |
| CIE _{Lab} | 54.49, 41.72, 9.98 |
| CIE _{LCh} | 54, 42.892, 13.450 |
| Yxy | 22.4408, 0.4315, 0.3086 |
| Android (android.graphics.Color) | 4291322739 (0xFFC86373) |
| YUV | 131.0230, -7.8993, 60.4928 |
| Hunter-Lab | 47.3717, 35.3257, 9.5083 |

Details

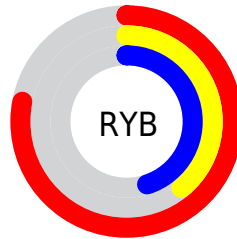
The XYZ color **31.3758, 22.4408, 18.8975** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.4528, 47.4225, 52.6878**, and the grayscale version is **21.5958, 22.7204, 24.7426**.

A 20% lighter version of the original color is **59.4433, 46.5065, 42.4029**, and **13.1850, 8.1891, 6.1959** is the 20% darker color. If you saturate the color by 10%, you get **28.8284, 18.7572, 13.6981**, and if you desaturate by 10%, it is **34.5704, 27.1358, 25.1857**.

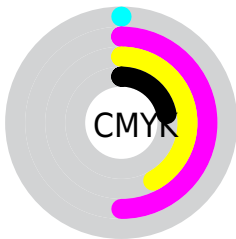
Distribution



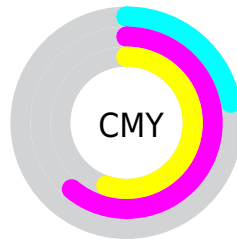
- Red (78%)
- Green (39%)
- Blue (45%)



- Red (78%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (42%)
- Black (22%)





- Cyan (22%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3758, 22.4408, 18.8975 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 31.3758, 22.4408, 18.8975 by changing the saturation by 10% instead.

 31.3758, 22.4408,
18.8975


 31.3758, 22.4408,
18.8975


300.0620,
264.8397, 258.2862


 21.0384, 14.1812,
11.4202


 61.2031, 47.4735,
42.3952


 13.2647, 8.2468,
6.2325


 81.4237, 65.0153,
59.2527

 7.6893, 4.2533,
2.9159

 105.6694, 86.4199,
80.0740

 3.9469, 1.8162,
1.0518

 134.3055,
112.0718, 105.2776

 1.6722, 0.4972,
0.0000

167.6975,
142.3554, 135.2820

 0.4387, 0.0000,
0.0000

206.2107,

 0.0000, 0.0000,

177.6549, 170.5059

0.0000

250.2104,
218.3549, 211.3678

■ 31.3758, 22.4408,
18.8975

■ 31.3758, 22.4408,
18.8975

■ 28.8284, 18.7572,
13.6981

■ 34.5704, 27.1358,
25.1857

■ 26.8815, 16.0070,
9.5236

■ 38.4511, 32.9055,
32.6189

■ 25.4850, 14.1067,
6.3056

■ 43.0556, 39.8124,
41.2508

■ 24.5792, 12.9560,
3.9661

■ 48.4184, 47.9130,
51.1316

■ 24.0758, 12.3819,
2.4645

■ 54.5720, 57.2600,
62.3083

■ 61.5466, 67.9031,
74.8256

■ 69.3711, 79.8891,
88.7261

■ 76.7816, 90.6802,
103.6200

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



31.2125, 22.4408, 32.5689



31.3758, 22.4408, 18.8975



28.5820, 22.4408, 10.6119

Triad

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



31.3758, 22.4408, 18.8975



15.7008, 22.4408, 10.0544



18.8583, 22.4408, 58.5669

Complementary

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



31.3758, 22.4408, 18.8975



34.4528, 47.4225, 52.6878

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.



15.4207, 22.4408, 46.8925



31.3758, 22.4408, 18.8975



13.7895, 22.4408, 17.7812

Square

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



31.3758, 22.4408, 18.8975



19.2965, 22.4408, 6.9220



13.6951, 22.4408, 30.9588



23.5001, 22.4408, 59.2180

Rectangle

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



31.3758, 22.4408, 18.8975



25.6269, 22.4408, 7.8297



13.6951, 22.4408, 30.9588



17.5412, 22.4408, 55.6501

Sweetspot

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



31.3764, 22.4420, 18.8979



79.2819, 76.0743, 80.1815



34.4561, 23.1828, 57.3023



16.5495, 15.6489, 16.3872



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.3764, 22.4420, 18.8979



49.3881, 31.7266, 22.6179



34.4143, 29.8653, 15.7566



10.7012, 10.6639, 11.4100



15.3300, 7.8816, 1.6817



0.7481, 0.3821, 0.1967

Inverse Universe

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



31.3764, 22.4420, 18.8979



49.3881, 31.7266, 22.6179



29.2688, 34.2176, 59.7057



10.7012, 10.6639, 11.4100



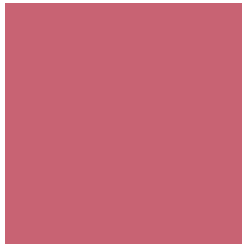
15.3300, 7.8816, 1.6817



0.7481, 0.3821, 0.1967

Previews

White Background



This preview shows how the XYZ color 31.3758, 22.4408, 18.8975 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 31.3758, 22.4408, 18.8975 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 31.3758, 22.4408, 18.8975

Background



This preview shows how black text looks on a background with the XYZ color 31.3758, 22.4408, 18.8975.



This preview shows how white text looks on a background with the XYZ color 31.3758, 22.4408,

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

31.3758, 22.4408, 18.8975

Protanopia

21.8204, 22.6178, 25.0454

Deuteranopia

23.0926, 22.6487, 18.1935



Tritanopia

30.7642, 22.3180, 16.5963

Trichromacy



Original Color

31.3758, 22.4408, 18.8975

Protanomaly

24.2673, 21.8681, 22.6806

Deuteranomaly

25.5322, 22.0957, 18.2484

Tritanomaly

30.9248, 22.3822, 17.4421

Monochromacy



Original Color

31.3758, 22.4408, 18.8975

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.0088, 21.7422, 22.3333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3758, 22.4408, 18.8975 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(200, 99, 115)` looks like.

```
.text, #text, p{  
    color:rgb(200, 99, 115)  
}
```

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(200, 99, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 99, 115) }
```

Border

The CSS property to change the border of an element to XYZ 31.3758, 22.4408, 18.8975 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(200, 99, 115) }
```


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

```
.border{ border-color:rgb(200, 99, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 99, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 99, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 99, 115); box-shadow:4px 4px 4px 4px rgb(200, 99, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3758, 22.4408, 18.8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 99, 115) }
```

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

```
.background{ background-color: rgb(200, 99,  
115) }
```

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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