

Converting Colors

XYZ(22.1125, 15.8835, 13.3483)

Have a look what the booklet for
XYZ(22.1125, 15.8835, 13.3483)
contains.

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Color

**XYZ(22.1695, 15.8804,
13.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5462
RGB	171, 84, 98
RGB Percent	67%, 33%, 38%
CMY	0.3294, 0.6706, 0.6157
CMYK	0.00, 0.51, 0.43, 0.33
HSL	350°, 34%, 50%
HSV	350°, 51%, 67%
XYZ	22.1695, 15.8804, 13.4520
YIQ	111.6090, 47.3580, 22.7980

Conversions

Conversions Part 2

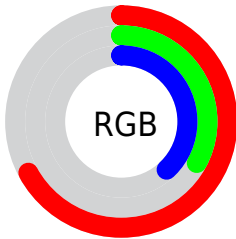
Format	Color
R_{YB}	171, 84, 98
Decimal	11228258
CIE _{Lab}	46.82, 37.02, 8.69
CIE _{LCh}	47, 38.025, 13.218
Yxy	15.8804, 0.4305, 0.3083
Android (android.graphics.Color)	4289418338 (0xFFAB5462)
YUV	111.6090, -6.7092, 52.0859
Hunter-Lab	39.8502, 29.5654, 7.8810

Details

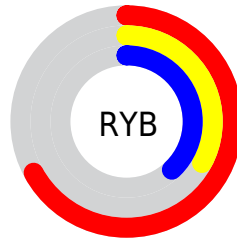
The XYZ color **22.1695, 15.8804, 13.4520** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.3057, 33.4453, 37.0749**, and the grayscale version is **15.2964, 16.0930, 17.5253**.

A 20% lighter version of the original color is **46.5421, 36.4363, 33.0136**, and **8.2621, 5.0368, 3.7856** is the 20% darker color. If you saturate the color by 10%, you get **20.3827, 13.2956, 9.8081**, and if you desaturate by 10%, it is **24.4026, 19.1634, 17.8442**.

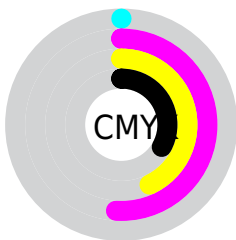
Distribution



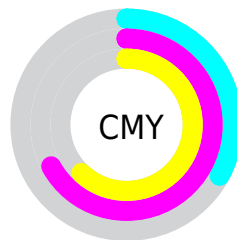
- Red (67%)
- Green (33%)
- Blue (38%)



- Red (67%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1695, 15.8804, 13.4520 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 22.1695, 15.8804, 13.4520 by changing the saturation by 10% instead.

■ 22.1695, 15.8804,
13.4520

■ 22.1695, 15.8804,
13.4520

256.0459,
228.6349, 225.1031

■ 14.0988, 9.4396,
7.6062

■ 46.5028, 36.3904,
32.8165

■ 8.2716, 5.0290,
3.7598

■ 63.4960, 51.2284,
47.1722

■ 4.3225, 2.2643,
1.4945

■ 84.1942, 69.6343,
65.2016

■ 1.8861, 0.7547,
0.2139

■ 108.9626, 91.9924,
87.3233

■ 0.5688, 0.0000,
0.0000

■ 138.1666,
118.6871, 113.9557

■ 0.0000, 0.0000,
0.0000

172.1716,

150.1028, 145.5175

211.3429,
186.6240, 182.4271

■ 22.1695, 15.8804,
13.4520

■ 22.1695, 15.8804,
13.4520

■ 20.3827, 13.2956,
9.8081

■ 24.4026, 19.1634,
17.8442

■ 19.0104, 11.3559,
6.8695

■ 27.1083, 23.1876,
23.0227

■ 18.0187, 10.0047,
4.5900

■ 30.3124, 27.9956,
29.0239

■ 17.3674, 9.1743,
2.9172

■ 34.0384, 33.6260,
35.8817

■ 16.9983, 8.7394,
1.8591

■ 38.3083, 40.1148,
43.6280

■ 43.1429, 47.4959,
52.2932

■ 48.5617, 55.8013,
61.9060

■ 54.5835, 65.0615,
72.4942

■ 61.2262, 75.3056,
84.0841

Harmonies

Analogous

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



22.0375, 15.8804, 23.1005



22.1695, 15.8804, 13.4520



20.2186, 15.8804, 7.5778

Triad

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



22.1695, 15.8804, 13.4520



11.1446, 15.8804, 7.1251



13.3312, 15.8804, 41.2455

Complementary

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



22.1695, 15.8804, 13.4520



24.3057, 33.4453, 37.0749

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.



10.9177, 15.8804, 33.0011



22.1695, 15.8804, 13.4520



9.7874, 15.8804, 12.5477

Square

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



22.1695, 15.8804, 13.4520



13.6859, 15.8804, 4.9308



9.7109, 15.8804, 21.7988



16.5951, 15.8804, 41.7711

Rectangle

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



22.1695, 15.8804, 13.4520



18.1444, 15.8804, 5.5960



9.7109, 15.8804, 21.7988



12.4059, 15.8804, 39.1780

Sweetspot

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



22.1699, 15.8812, 13.4523



57.9133, 55.6092, 58.6767



24.3288, 16.3997, 40.4112



12.6121, 11.9437, 12.5275



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.1699, 15.8812, 13.4523



36.1702, 23.3340, 16.8667



24.3005, 21.1091, 11.1823



8.0558, 8.0356, 8.6049



12.8276, 6.5936, 1.4719



0.3724, 0.1897, 0.1230

Inverse Universe

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



22.1699, 15.8812, 13.4523



36.1702, 23.3340, 16.8667



20.6805, 24.1718, 42.1037



8.0558, 8.0356, 8.6049



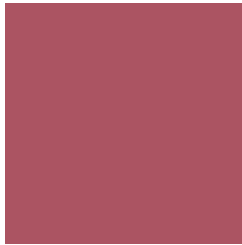
12.8276, 6.5936, 1.4719



0.3724, 0.1897, 0.1230

Previews

White Background



This preview shows how the XYZ color 22.1695, 15.8804, 13.4520 looks on a white background.

Color Contrast Check

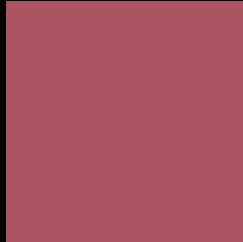
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1695, 15.8804, 13.4520 looks on a black 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

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

XYZ 22.1695, 15.8804, 13.4520

Background



This preview shows how black text looks on a background with the XYZ color 22.1695, 15.8804, 13.4520.



This preview shows how white text looks on a background with the XYZ color 22.1695, 15.8804,

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

22.1695, 15.8804, 13.4520

Protanopia

15.4191, 16.0494, 17.6144

Deuteranopia

16.1802, 15.9127, 12.8084



Tritanopia

21.7144, 15.7984, 11.8024

Trichromacy



Original Color

22.1695, 15.8804, 13.4520

Protanomaly

17.1390, 15.4372, 15.9863

Deuteranomaly

18.0290, 15.6792, 12.9026

Tritanomaly

21.8464, 15.8512, 12.4978

Monochromacy



Original Color

22.1695, 15.8804, 13.4520

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.0781, 15.5508, 16.0114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1695, 15.8804, 13.4520 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(171, 84, 98)` looks like.

```
.text, #text, p{  
    color:rgb(171, 84, 98)  
}
```

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(171, 84, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 84, 98) }
```

Border

The CSS property to change the border of an element to XYZ 22.1695, 15.8804, 13.4520 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(171, 84, 98) }
```


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

```
.border{ border-color:rgb(171, 84, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 84, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 84, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 84, 98);  
box-shadow:4px 4px 4px 4px rgb(171, 84,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1695, 15.8804, 13.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 84, 98) }
```

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

```
.background{ background-color: rgb(171, 84,  
98) }
```

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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