

Converting Colors

XYZ(22.6893, 15.6795, 12.8066)

Have a look what the booklet for
XYZ(22.6893, 15.6795, 12.8066)
contains.

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Color

**XYZ(22.6592, 15.6958,
12.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5060
RGB	175, 80, 96
RGB Percent	69%, 31%, 38%
CMY	0.3137, 0.6863, 0.6235
CMYK	0.00, 0.54, 0.45, 0.31
HSL	350°, 37%, 50%
HSV	350°, 54%, 69%
XYZ	22.6592, 15.6958, 12.9017
YIQ	110.2290, 51.4840, 25.1160

Conversions

Conversions Part 2

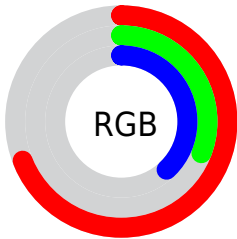
Format	Color
R _Y B	175, 80, 96
Decimal	11489376
CIE Lab	46.57, 40.32, 9.65
CIE LCh	47, 41.460, 13.461
Yxy	15.6958, 0.4421, 0.3062
Android (android.graphics.Color)	4289679456 (0xFFAF5060)
YUV	110.2290, -7.0149, 56.8042
Hunter-Lab	39.6179, 32.7605, 8.4246

Details

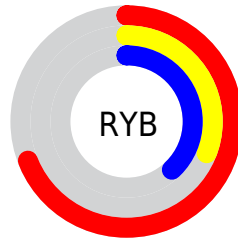
The XYZ color **22.6592, 15.6958, 12.9017** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.8971, 34.8690, 38.2212**, and the grayscale version is **14.8964, 15.6722, 17.0670**.

A 20% lighter version of the original color is **47.3713, 36.0703, 31.6596**, and **8.4622, 4.9123, 3.5198** is the 20% darker color. If you saturate the color by 10%, you get **20.9315, 13.2153, 9.3204**, and if you desaturate by 10%, it is **24.8455, 18.8950, 17.2481**.

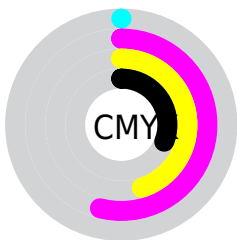
Distribution



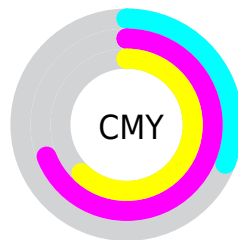
- Red (69%)
- Green (31%)
- Blue (38%)



- Red (69%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (54%)
- Yellow (45%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6592, 15.6958, 12.9017 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 22.6592, 15.6958, 12.9017 by changing the saturation by 10% instead.

■ 22.6592, 15.6958,
12.9017

■ 22.6592, 15.6958,
12.9017

258.5379,
227.5399, 221.4724

■ 14.4614, 9.3092,
7.2310

■ 47.3039, 36.0693,
31.8157

■ 8.5261, 4.9434,
3.5263

■ 64.4815, 50.8249,
45.8960

■ 4.4880, 2.2141,
1.3693

■ 85.3831, 69.1390,
63.6165

■ 1.9817, 0.7277,
0.1176

■ 110.3740, 91.3959,
85.3959

■ 0.6237, 0.0000,
0.0000

■ 139.8195,
117.9801, 111.6527

■ 0.0000, 0.0000,
0.0000

174.0851,

149.2759, 142.8053

213.5361,
185.6677, 179.2723

■ 22.6592, 15.6958,
12.9017

■ 22.6592, 15.6958,
12.9017

■ 20.9315, 13.2153,
9.3204

■ 24.8455, 18.8950,
17.2481

■ 19.6277, 11.3951,
6.4585

■ 27.5191, 22.8601,
22.4001

■ 18.7104, 10.1722,
4.2665

■ 30.7078, 27.6374,
28.3961

■ 18.1342, 9.4697,
2.6879

■ 34.4370, 33.2686,
35.2719

■ 17.9068, 9.2050,
2.0258

■ 38.7303, 39.7928,
43.0612

■ 43.6100, 47.2464,
51.7959

■ 49.0970, 55.6640,
61.5065

■ 55.2115, 65.0783,
72.2218

■ 61.9724, 75.5204,
83.9697

Harmonies

Analogous

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



22.5330, 15.6958, 23.3350



22.6592, 15.6958, 12.9017



20.4899, 15.6958, 6.8041

Triad

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



22.6592, 15.6958, 12.9017



10.6689, 15.6958, 6.4070



13.0444, 15.6958, 43.7905

Complementary

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



22.6592, 15.6958, 12.9017



24.8971, 34.8690, 38.2212

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.



10.4612, 15.6958, 34.5411



22.6592, 15.6958, 12.9017



9.2474, 15.6958, 12.0724

Square

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



22.6592, 15.6958, 12.9017



13.3736, 15.6958, 4.1976



9.1781, 15.6958, 22.0990



16.5778, 15.6958, 44.3055

Rectangle

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



22.6592, 15.6958, 12.9017



18.2083, 15.6958, 4.8289



9.1781, 15.6958, 22.0990



12.0507, 15.6958, 41.4716

Sweetspot

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



22.6596, 15.6966, 12.9020



60.2644, 57.4465, 60.5866



24.6258, 16.0603, 42.3594



13.0871, 12.3034, 12.9013



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.6596, 15.6966, 12.9020



37.0026, 22.9823, 15.6550



24.7127, 20.8639, 10.3151



8.0582, 8.0365, 8.6175



12.8397, 6.5984, 1.5355



0.3734, 0.1900, 0.1280

Inverse Universe

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



22.6596, 15.6966, 12.9020



37.0026, 22.9823, 15.6550



21.1595, 25.0267, 44.2728



8.0582, 8.0365, 8.6175



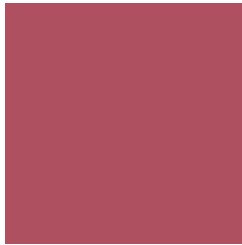
12.8397, 6.5984, 1.5355



0.3734, 0.1900, 0.1280

Previews

White Background



This preview shows how the XYZ color 22.6592, 15.6958, 12.9017 looks on a white background.

Color Contrast Check

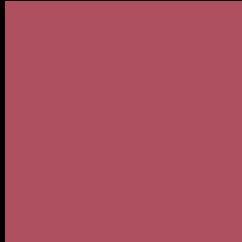
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6592, 15.6958, 12.9017 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 22.6592, 15.6958, 12.9017

Background



This preview shows how black text looks on a background with the XYZ color 22.6592, 15.6958, 12.9017.



This preview shows how white text looks on a background with the XYZ color 22.6592, 15.6958,

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

22.6592, 15.6958, 12.9017

Protanopia

15.3106, 15.8324, 17.5782

Deuteranopia

16.0915, 15.8773, 12.3417



Tritanopia

22.1932, 15.7214, 10.8816

Trichromacy



Original Color

22.6592, 15.6958, 12.9017

Protanomaly

17.2167, 15.1985, 15.6619

Deuteranomaly

17.9275, 15.3594, 12.3757

Tritanomaly

22.2435, 15.6217, 11.5158

Monochromacy



Original Color

22.6592, 15.6958, 12.9017

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.8432, 15.0119, 15.3745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6592, 15.6958, 12.9017 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(175, 80, 96)` looks like.

```
.text, #text, p{  
  color:rgb(175, 80, 96)  
}
```

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(175, 80, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 80, 96) }
```

Border

The CSS property to change the border of an element to XYZ 22.6592, 15.6958, 12.9017 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(175, 80, 96) }
```


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

```
.border{ border-color:rgb(175, 80, 96) }
```

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

Here you see how a box with a 4 pixel rgb(175, 80, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 80, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 80, 96);  
box-shadow:4px 4px 4px 4px rgb(175, 80,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6592, 15.6958, 12.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 80, 96) }
```

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

```
.background{ background-color: rgb(175, 80,  
96) }
```

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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