

Converting Colors

XYZ(14.5056, 13.1903, 22.0314)

Have a look what the booklet for
XYZ(14.5056, 13.1903, 22.0314)
contains.

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Color

**XYZ(14.6347, 13.3038,
22.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6080
RGB	111, 96, 128
RGB Percent	44%, 38%, 50%
CMY	0.5647, 0.6235, 0.4980
CMYK	0.13, 0.25, 0.00, 0.50
HSL	268°, 14%, 44%
HSV	268°, 25%, 50%
XYZ	14.6347, 13.3038, 22.2186
YIQ	104.1330, -1.3320, 13.1320

Conversions

Conversions Part 2

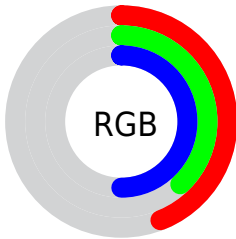
Format	Color
R _{YB}	111, 96, 128
Decimal	7299200
CIE Lab	43.22, 12.74, -15.65
CIE LCh	43, 20.179, 309.157
Yxy	13.3038, 0.2918, 0.2652
Android (android.graphics.Color)	4285489280 (0xFF6F6080)
YUV	104.1330, 11.7664, 6.0224
Hunter-Lab	36.4744, 7.7898, -10.5848

Details

The XYZ color **14.6347, 13.3038, 22.2186** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.6410, 19.7939, 14.0105**, and the grayscale version is **13.1638, 13.8494, 15.0820**.

A 20% lighter version of the original color is **33.8785, 31.9902, 48.1052**, and **4.6018, 3.9025, 7.9078** is the 20% darker color. If you saturate the color by 10%, you get **12.7374, 10.7312, 21.8222**, and if you desaturate by 10%, it is **16.7882, 16.2914, 22.6820**.

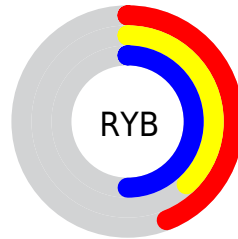
Distribution



Red (44%)

Green (38%)

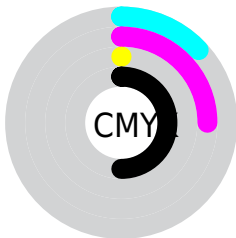
Blue (50%)



Red (44%)

Yellow (38%)

Blue (50%)

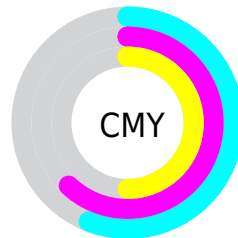


Cyan (13%)

Magenta (25%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6347, 13.3038, 22.2186 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 14.6347, 13.3038, 22.2186 by changing the saturation by 10% instead.

■ 14.6347, 13.3038,
22.2186

■ 14.6347, 13.3038,
22.2186

214.5769,
212.8556, 276.6764

■ 8.6481, 7.6381,
13.8178

■ 33.7880, 31.8485,
48.0138

■ 4.5676, 3.8642,
7.8567

■ 47.6854, 45.4963,
66.2453

■ 2.0280, 1.5979,
3.9169

■ 64.9503, 62.5735,
88.5908

■ 0.6496, 0.3562,
1.5799

■ 85.9483, 83.4646,
115.4687

■ 0.0000, 0.0000,
0.2764

111.0445,
108.5540, 147.2977

■ 0.0000, 0.0000,
0.0000

140.6045,

138.2260, 184.4963

174.9935,
172.8651, 227.4830

■ 14.6347, 13.3038,
22.2186

■ 14.6347, 13.3038,
22.2186

■ 12.7374, 10.7312,
21.8222

■ 16.7882, 16.2914,
22.6820

■ 11.0843, 8.5528,
21.4889

■ 19.2066, 19.7103,
23.2144

■ 9.6645, 6.7486,
21.2155

■ 21.8997, 23.5778,
23.8190

■ 8.4655, 5.2959,
20.9983

■ 24.8764, 27.9097,
24.4982

■ 7.4734, 4.1695,
20.8331

■ 28.1451, 32.7212,
25.2547

6.6728, 3.3407,
20.7154

31.7142, 38.0266,
26.0906

6.0413, 2.7675,
20.6380

35.5912, 43.8398,
27.0083

5.7597, 2.5191,
20.6049

39.7838, 50.1739,
28.0100

44.2991, 57.0418,
29.0976

Harmonies

Analogous

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



13.1281, 13.3038, 24.7274



14.6347, 13.3038, 22.2186



15.6598, 13.3038, 17.7616

Triad

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



14.6347, 13.3038, 22.2186



13.7423, 13.3038, 7.8500



9.9091, 13.3038, 15.8958

Complementary

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



14.6347, 13.3038, 22.2186



16.6410, 19.7939, 14.0105

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.



10.0441, 13.3038, 11.6393



14.6347, 13.3038, 22.2186



12.1736, 13.3038, 7.5530

Square

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



14.6347, 13.3038, 22.2186



15.1159, 13.3038, 9.7108



10.8441, 13.3038, 8.7940



10.4590, 13.3038, 20.6141

Rectangle

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



14.6347, 13.3038, 22.2186



15.8869, 13.3038, 14.6124



10.8441, 13.3038, 8.7940



9.8769, 13.3038, 14.3595

Sweetspot

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



14.6351, 13.3044, 22.2189



32.8545, 33.3349, 40.6589



14.6332, 15.8710, 22.7144



7.6462, 7.7394, 9.5092



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.6351, 13.3044, 22.2189



23.8114, 20.7582, 38.7080



16.8220, 14.4317, 22.3212



4.2855, 4.3028, 5.4179



5.7126, 2.4987, 20.4312



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0661, 14.1478, 17.5075



26.8376, 22.5429, 28.7024



14.7678, 18.8283, 13.9229



4.4158, 4.3795, 4.9939



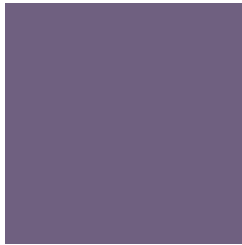
9.8624, 4.9647, 5.8653



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6347, 13.3038, 22.2186 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 14.6347, 13.3038, 22.2186 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 14.6347, 13.3038, 22.2186

Background



This preview shows how black text looks on a background with the XYZ color 14.6347, 13.3038, 22.2186.

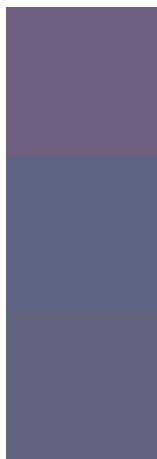


This preview shows how white text looks on a background with the XYZ color 14.6347, 13.3038,

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

14.6347, 13.3038, 22.2186

Protanopia

13.4346, 13.3530, 23.6991

Deuteranopia

13.5335, 13.2993, 21.9324



Tritanopia

13.4483, 13.3852, 16.0622

Trichromacy



Original Color

14.6347, 13.3038, 22.2186

Protanomaly

13.8141, 13.2717, 23.3063

Deuteranomaly

13.8861, 13.3396, 21.9216

Tritanomaly

13.8630, 13.4127, 18.0779

Monochromacy



Original Color

14.6347, 13.3038, 22.2186

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6977, 13.6254, 17.5308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6347, 13.3038, 22.2186 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(111, 96, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 96, 128)  
}
```

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(111, 96, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 96, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.6347, 13.3038, 22.2186 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(111, 96, 128) }
```


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

```
.border{ border-color:rgb(111, 96, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 96, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 96, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 96, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 96,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6347, 13.3038, 22.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 96, 128) }
```

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

```
.background{ background-color: rgb(111, 96,  
128) }
```

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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