

Converting Colors

XYZ(14.0502, 13.1288, 22.0435)

Have a look what the booklet for
XYZ(14.0502, 13.1288, 22.0435)
contains.

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Color

**XYZ(14.1148, 13.1721,
22.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6180
RGB	106, 97, 128
RGB Percent	42%, 38%, 50%
CMY	0.5843, 0.6196, 0.4980
CMYK	0.17, 0.24, 0.00, 0.50
HSL	257°, 14%, 44%
HSV	257°, 24%, 50%
XYZ	14.1148, 13.1721, 22.2206
YIQ	103.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

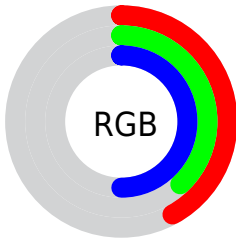
Format	Color
R_{YB}	106, 97, 128
Decimal	6971776
CIE _{Lab}	43.02, 10.38, -15.99
CIE _{LCh}	43, 19.061, 302.980
Yxy	13.1721, 0.2851, 0.2661
Android (android.graphics.Color)	4285161856 (0xFF6A6180)
YUV	103.2250, 12.2141, 2.4337
Hunter-Lab	36.2934, 5.9067, -10.8949

Details

The XYZ color **14.1148, 13.1721, 22.2206** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.4851, 20.2237, 14.2919**, and the grayscale version is **12.9216, 13.5945, 14.8044**.

A 20% lighter version of the original color is **33.0309, 31.7851, 48.1103**, and **4.3400, 3.8317, 7.9080** is the 20% darker color. If you saturate the color by 10%, you get **12.0033, 10.4675, 21.8101**, and if you desaturate by 10%, it is **16.5324, 16.3185, 22.7007**.

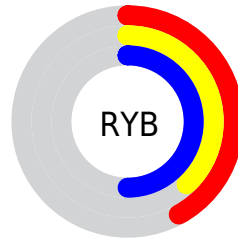
Distribution



Red (42%)

Green (38%)

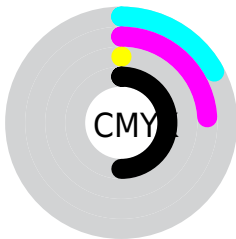
Blue (50%)



Red (42%)

Yellow (38%)

Blue (50%)

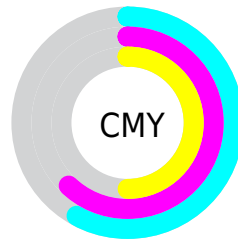


Cyan (17%)

Magenta (24%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1148, 13.1721, 22.2206 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 14.1148, 13.1721, 22.2206 by changing the saturation by 10% instead.

■ 14.1148, 13.1721,
22.2206

■ 14.1148, 13.1721,
22.2206

211.4402,
212.0177, 276.6871

■ 8.2828, 7.5472,
13.8192

■ 32.8772, 31.6126,
48.0172

■ 4.3298, 3.8066,
7.8577

■ 46.5382, 45.1970,
66.2495

■ 1.8903, 1.5660,
3.9176

■ 63.5396, 62.2033,
88.5958

■ 0.5712, 0.3345,
1.5802

■ 84.2468, 83.0160,
115.4747

■ 0.0000, 0.0000,
0.2767

109.0251,
108.0193, 147.3048

■ 0.0000, 0.0000,
0.0000

138.2399,

137.5978, 184.5045

172.2564,
172.1358, 227.4925

■ 14.1148, 13.1721,
22.2206

■ 14.1148, 13.1721,
22.2206

■ 12.0033, 10.4675,
21.8101

■ 16.5324, 16.3185,
22.7007

■ 10.1839, 8.1829,
21.4650

■ 19.2668, 19.9238,
23.2525

■ 8.6434, 6.2972,
21.1822

■ 22.3297, 24.0064,
23.8791

■ 7.3672, 4.7867,
20.9579

■ 25.7316, 28.5829,
24.5831

■ 6.3389, 3.6252,
20.7879

■ 29.4829, 33.6692,
25.3672

■ 5.5403, 2.7827,
20.6674

■ 33.5932, 39.2806,
26.2336

■ 4.9484, 2.2201,
20.5900

■ 38.0720, 45.4317,
27.1849

■ 4.6649, 1.9547,
20.5537

■ 42.9283, 52.1364,
28.2230

■ 48.1708, 59.4082,
29.3503

Harmonies

Analogous

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



12.6665, 13.1721, 23.9898



14.1148, 13.1721, 22.2206



15.1976, 13.1721, 18.3239

Triad

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



14.1148, 13.1721, 22.2206



13.8421, 13.1721, 8.2941



9.9145, 13.1721, 14.7652

Complementary

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



14.1148, 13.1721, 22.2206



17.4851, 20.2237, 14.2919

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.



10.1764, 13.1721, 10.9836



14.1148, 13.1721, 22.2206



12.3740, 13.1721, 7.7055

Square

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



14.1148, 13.1721, 22.2206



15.0317, 13.1721, 10.3873



11.0495, 13.1721, 8.5883



10.3044, 13.1721, 19.1916

Rectangle

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



14.1148, 13.1721, 22.2206



15.5254, 13.1721, 15.3499



11.0495, 13.1721, 8.5883



9.9293, 13.1721, 13.3796

Sweetspot

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



14.1152, 13.1726, 22.2209



32.4454, 33.1240, 40.6398



15.4492, 17.3456, 22.9561



7.5448, 7.6872, 9.5045



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.



14.1152, 13.1726, 22.2209



22.7599, 20.5024, 38.7141



16.0963, 14.1939, 22.3136



4.2171, 4.2675, 5.4147



4.6268, 1.9389, 20.3803



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5070, 14.4711, 19.3767



27.7655, 23.2226, 32.6376



15.5534, 19.2279, 14.2015



4.4466, 4.3918, 5.1563



10.6934, 5.2971, 10.2412



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1148, 13.1721, 22.2206 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 14.1148, 13.1721, 22.2206 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 14.1148, 13.1721, 22.2206

Background



This preview shows how black text looks on a background with the XYZ color 14.1148, 13.1721, 22.2206.



This preview shows how white text looks on a background with the XYZ color 14.1148, 13.1721,

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

14.1148, 13.1721, 22.2206

Protanopia

13.3665, 13.3257, 23.3404

Deuteranopia

13.4249, 13.2433, 21.9273



Tritanopia

13.0075, 13.2951, 16.3486

Trichromacy



Original Color

14.1148, 13.1721, 22.2206

Protanomaly

13.6234, 13.3227, 22.9726

Deuteranomaly

13.6594, 13.2227, 21.9110

Tritanomaly

13.4185, 13.3184, 18.3865

Monochromacy



Original Color

14.1148, 13.1721, 22.2206

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2872, 13.4203, 17.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1148, 13.1721, 22.2206 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(106, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 97, 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(106, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 97, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.1148, 13.1721, 22.2206 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(106, 97, 128) }
```


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

```
.border{ border-color:rgb(106, 97, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 97, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 97,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1148, 13.1721, 22.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 97, 128) }
```

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

```
.background{ background-color: rgb(106, 97,  
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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