

Converting Colors

XYZ(14.5596, 13.5675, 22.1014)

Have a look what the booklet for
XYZ(14.5596, 13.5675, 22.1014)
contains.

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Color

**XYZ(14.5706, 13.5451,
22.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6280
RGB	109, 98, 128
RGB Percent	43%, 38%, 50%
CMY	0.5725, 0.6157, 0.4980
CMYK	0.15, 0.23, 0.00, 0.50
HSL	262°, 13%, 44%
HSV	262°, 23%, 50%
XYZ	14.5706, 13.5451, 22.2686
YIQ	104.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

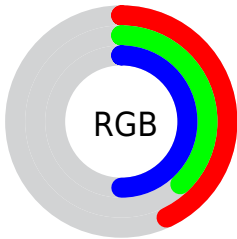
Format	Color
R_{YB}	109, 98, 128
Decimal	7168640
CIE _{Lab}	43.57, 10.82, -15.12
CIE _{LCh}	44, 18.592, 305.575
Yxy	13.5451, 0.2892, 0.2688
Android (android.graphics.Color)	4285358720 (0xFF6D6280)
YUV	104.7090, 11.4825, 3.7632
Hunter-Lab	36.8037, 6.2619, -10.1117

Details

The XYZ color **14.5706, 13.5451, 22.2686** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.2605, 20.1025, 14.5264**, and the grayscale version is **13.3195, 14.0132, 15.2604**.

A 20% lighter version of the original color is **33.7859, 32.4082, 48.1908**, and **4.5637, 4.0126, 7.9311** is the 20% darker color. If you saturate the color by 10%, you get **12.5157, 10.8480, 21.8565**, and if you desaturate by 10%, it is **16.9099, 16.6738, 22.7494**.

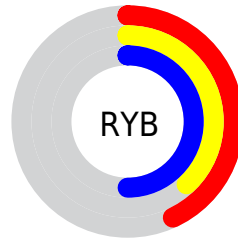
Distribution



Red (43%)

Green (38%)

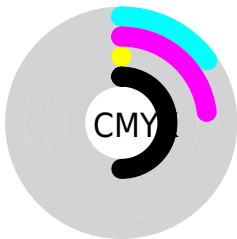
Blue (50%)



Red (43%)

Yellow (38%)

Blue (50%)

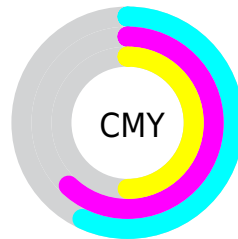


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5706, 13.5451, 22.2686 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 14.5706, 13.5451, 22.2686 by changing the saturation by 10% instead.

■ 14.5706, 13.5451,
22.2686

■ 14.5706, 13.5451,
22.2686

214.1926,
214.3822, 276.9449

■ 8.6029, 7.8050,
13.8542

■ 33.6760, 32.2797,
48.0974

■ 4.5381, 3.9704,
7.8817

■ 47.5444, 46.0429,
66.3489

■ 2.0108, 1.6570,
3.9327

■ 64.7771, 63.2493,
88.7165

■ 0.6400, 0.3956,
1.5885

■ 85.7395, 84.2832,
115.6187

■ 0.0000, 0.0000,
0.2826

110.7969,
109.5290, 147.4741

■ 0.0000, 0.0000,
0.0000

140.3146,

139.3712, 184.7013

174.6580,
174.1942, 227.7187

■ 14.5706, 13.5451,
22.2686

■ 14.5706, 13.5451,
22.2686

■ 12.5157, 10.8480,
21.8565

■ 16.9099, 16.6738,
22.7494

■ 10.7324, 8.5615,
21.5092

■ 19.5432, 20.2507,
23.3010

■ 9.2087, 6.6651,
21.2234

■ 22.4812, 24.2934,
23.9265

■ 7.9311, 5.1358,
20.9956

■ 25.7336, 28.8182,
24.6285

■ 6.8848, 3.9484,
20.8216

■ 29.3098, 33.8405,
25.4094

6.0534, 3.0742,
20.6966

33.2187, 39.3750,
26.2716

5.4166, 2.4776,
20.6151

37.4687, 45.4358,
27.2175

5.0653, 2.1612,
20.5725

42.0682, 52.0366,
28.2491

47.0251, 59.1903,
29.3687

Harmonies

Analogous

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



13.1478, 13.5451, 24.2417



14.5706, 13.5451, 22.2686



15.5920, 13.5451, 18.3141

Triad

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



14.5706, 13.5451, 22.2686



14.0656, 13.5451, 8.5920



10.2867, 13.5451, 15.5401

Complementary

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



14.5706, 13.5451, 22.2686



17.2605, 20.1025, 14.5264

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.



10.4922, 13.5451, 11.6783



14.5706, 13.5451, 22.2686



12.6045, 13.5451, 8.1271

Square

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



14.5706, 13.5451, 22.2686



15.2853, 13.5451, 10.5624



11.3149, 13.5451, 9.1462



10.7310, 13.5451, 19.9155

Rectangle

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



14.5706, 13.5451, 22.2686



15.8685, 13.5451, 15.3750



11.3149, 13.5451, 9.1462



10.2825, 13.5451, 14.1389

Sweetspot

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



14.5710, 13.5457, 22.2689



32.6196, 33.2138, 40.6479



15.3535, 16.9951, 22.8935



7.5880, 7.7094, 9.5065



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.



14.5710, 13.5457, 22.2689



23.7085, 21.2828, 38.8147



16.5045, 14.5424, 22.3594



4.2462, 4.2825, 5.4161



5.0240, 2.1437, 20.3989



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4812, 14.6095, 18.7817



27.7146, 23.5162, 31.4013



15.4606, 19.1746, 14.4422



4.4333, 4.3865, 5.0864



10.3031, 5.1409, 8.1858



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5706, 13.5451, 22.2686 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 14.5706, 13.5451, 22.2686 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 14.5706, 13.5451, 22.2686

Background



This preview shows how black text looks on a background with the XYZ color 14.5706, 13.5451, 22.2686.



This preview shows how white text looks on a background with the XYZ color 14.5706, 13.5451,

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

14.5706, 13.5451, 22.2686

Protanopia

13.6720, 13.6282, 23.3827

Deuteranopia

13.8513, 13.6064, 21.9749



Tritanopia

13.3579, 13.4757, 16.3650

Trichromacy



Original Color

14.5706, 13.5451, 22.2686

Protanomaly

14.0498, 13.6858, 23.0202

Deuteranomaly

14.0969, 13.5897, 21.9588

Tritanomaly

13.7730, 13.5011, 18.4031

Monochromacy



Original Color

14.5706, 13.5451, 22.2686

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6759, 13.7592, 17.5578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5706, 13.5451, 22.2686 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(109, 98, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 98, 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(109, 98, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 98, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.5706, 13.5451, 22.2686 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(109, 98, 128) }
```


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

```
.border{ border-color:rgb(109, 98, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 98, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 98, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 98, 128); box-shadow:4px 4px 4px 4px rgb(109, 98, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5706, 13.5451, 22.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 98, 128) }
```

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

```
.background{ background-color: rgb(109, 98,  
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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