

Converting Colors

XYZ(14.7259, 13.2293, 22.1849)

Have a look what the booklet for
XYZ(14.7259, 13.2293, 22.1849)
contains.

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Color

**XYZ(14.6706, 13.1877,
22.1943)**

Conversions

Conversions Part 1

Format	Color
Hex	705F80
RGB	112, 95, 128
RGB Percent	44%, 37%, 50%
CMY	0.5608, 0.6274, 0.4980
CMYK	0.12, 0.26, 0.00, 0.50
HSL	271°, 15%, 44%
HSV	271°, 26%, 50%
XYZ	14.6706, 13.1877, 22.1943
YIQ	103.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

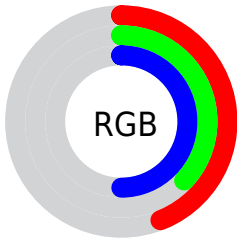
Format	Color
R_{YB}	112, 95, 128
Decimal	7364480
CIE _{Lab}	43.04, 13.71, -15.90
CIE _{LCh}	43, 20.994, 310.757
Yxy	13.1877, 0.2931, 0.2635
Android (android.graphics.Color)	4285554560 (0xFF705F80)
YUV	103.8450, 11.9084, 7.1519
Hunter-Lab	36.3149, 8.5600, -10.8154

Details

The XYZ color **14.6706, 13.1877, 22.1943** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.3407, 19.6444, 13.7576**, and the grayscale version is **13.0863, 13.7678, 14.9932**.

A 20% lighter version of the original color is **33.9292, 31.7865, 48.0632**, and **4.6239, 3.8511, 7.8968** is the 20% darker color. If you saturate the color by 10%, you get **12.8484, 10.6753, 21.8056**, and if you desaturate by 10%, it is **16.7375, 16.1082, 22.6493**.

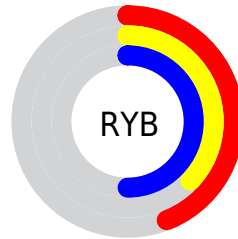
Distribution



Red (44%)

Green (37%)

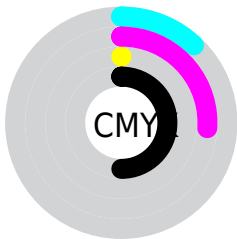
Blue (50%)



Red (44%)

Yellow (37%)

Blue (50%)

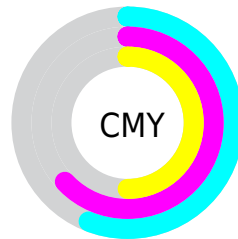


Cyan (12%)

Magenta (26%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (63%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6706, 13.1877, 22.1943 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 14.6706, 13.1877, 22.1943 by changing the saturation by 10% instead.

■ 14.6706, 13.1877,
22.1943

■ 14.6706, 13.1877,
22.1943

214.7918,
212.1171, 276.5458

■ 8.6733, 7.5579,
13.8001

■ 33.8507, 31.6406,
47.9732

■ 4.5841, 3.8134,
7.8446

■ 47.7642, 45.2325,
66.1950

■ 2.0376, 1.5697,
3.9093

■ 65.0472, 62.2472,
88.5297

■ 0.6550, 0.3371,
1.5757

■ 86.0651, 83.0692,
115.3958

■ 0.0000, 0.0000,
0.2734

111.1831,
108.0827, 147.2120

■ 0.0000, 0.0000,
0.0000

140.7667,

137.6723, 184.3967

175.1811,
172.2223, 227.3684

■ 14.6706, 13.1877,
22.1943

■ 14.6706, 13.1877,
22.1943

■ 12.8484, 10.6753,
21.8056

■ 16.7375, 16.1082,
22.6493

■ 11.2595, 8.5504,
21.4792

■ 19.0576, 19.4529,
23.1726

■ 9.8929, 6.7928,
21.2120

■ 21.6404, 23.2391,
23.7673

■ 8.7366, 5.3800,
21.0002

■ 24.4945, 27.4826,
24.4359

■ 7.7772, 4.2866,
20.8398

■ 27.6282, 32.1983,
25.1810

6.9992, 3.4841,
20.7259

31.0493, 37.4006,
26.0048

6.3780, 2.9249,
20.6507

34.7654, 43.1032,
26.9097

6.1390, 2.7146,
20.6227

38.7837, 49.3192,
27.8977

43.1111, 56.0612,
28.9710

Harmonies

Analogous

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



13.1224, 13.1877, 24.9743



14.6706, 13.1877, 22.1943



15.6971, 13.1877, 17.4905

Triad

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



14.6706, 13.1877, 22.1943



13.5849, 13.1877, 7.4989



9.7274, 13.1877, 16.0818

Complementary

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



14.6706, 13.1877, 22.1943



16.3407, 19.6444, 13.7576

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.



9.8281, 13.1877, 11.6258



14.6706, 13.1877, 22.1943



11.9644, 13.1877, 7.2804

Square

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



14.6706, 13.1877, 22.1943



15.0340, 13.1877, 9.3053



10.6165, 13.1877, 8.6264



10.3286, 13.1877, 20.9747

Rectangle

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



14.6706, 13.1877, 22.1943



15.8990, 13.1877, 14.2421



10.6165, 13.1877, 8.6264



9.6817, 13.1877, 14.4768

Sweetspot

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



14.6710, 13.1883, 22.1946



32.5297, 32.7636, 40.5658



14.3552, 15.4702, 22.6517



7.4865, 7.4834, 9.4682



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.



14.6710, 13.1883, 22.1946



23.8757, 20.5101, 38.6567



16.8909, 14.3327, 22.2985



4.3036, 4.3121, 5.4188



6.0888, 2.6926, 20.4488



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8640, 13.9219, 16.8905



26.4131, 22.0700, 27.4016



14.5045, 18.6978, 13.6717



4.4079, 4.3763, 4.9522



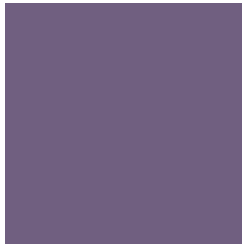
9.6916, 4.8963, 4.9657



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6706, 13.1877, 22.1943 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 14.6706, 13.1877, 22.1943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

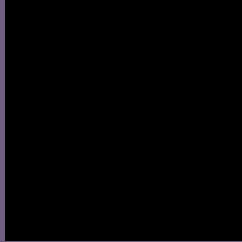
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6706, 13.1877, 22.1943

Background



This preview shows how black text looks on a background with the XYZ color 14.6706, 13.1877, 22.1943.



This preview shows how white text looks on a background with the XYZ color 14.6706, 13.1877,

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

14.6706, 13.1877, 22.1943

Protanopia

13.3327, 13.3005, 23.6943

Deuteranopia

13.5335, 13.2993, 21.9324



Tritanopia

13.4224, 13.2364, 15.7574

Trichromacy



Original Color

14.6706, 13.1877, 22.1943

Protanomaly

13.8141, 13.2717, 23.3063

Deuteranomaly

13.9074, 13.2107, 21.8956

Tritanomaly

13.8926, 13.2882, 18.0523

Monochromacy



Original Color

14.6706, 13.1877, 22.1943

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 14.6706, 13.1877, 22.1943 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(112, 95, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 95, 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(112, 95, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 95, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.6706, 13.1877, 22.1943 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(112, 95, 128) }
```


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

```
.border{ border-color:rgb(112, 95, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 95, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 95, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 95, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 95,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6706, 13.1877, 22.1943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 95, 128) }
```

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

```
.background{ background-color: rgb(112, 95,  
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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