

Converting Colors

XYZ(14.5192, 13.0776, 21.0512)

Have a look what the booklet for
XYZ(14.5192, 13.0776, 21.0512)
contains.

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Color

**XYZ(14.6039, 13.1758,
21.1755)**

Conversions

Conversions Part 1

Format	Color
Hex	715F7D
RGB	113, 95, 125
RGB Percent	44%, 37%, 49%
CMY	0.5569, 0.6274, 0.5098
CMYK	0.10, 0.24, 0.00, 0.51
HSL	276°, 14%, 43%
HSV	276°, 24%, 49%
XYZ	14.6039, 13.1758, 21.1755
YIQ	103.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

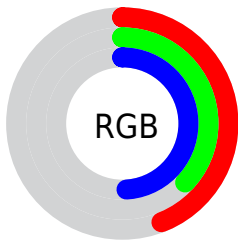
Format	Color
R_{YB}	113, 95, 125
Decimal	7430013
CIE Lab	43.03, 13.38, -14.10
CIE LCh	43, 19.438, 313.481
Yxy	13.1758, 0.2983, 0.2691
Android (android.graphics.Color)	4285620093 (0xFF715F7D)
YUV	103.8020, 10.4506, 8.0666
Hunter-Lab	36.2985, 8.2932, -9.1792

Details

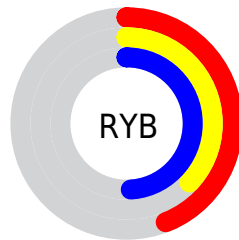
The XYZ color **14.6039, 13.1758, 21.1755** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.4631, 18.6196, 13.6061**, and the grayscale version is **13.0783, 13.7594, 14.9840**.

A 20% lighter version of the original color is **33.8318, 31.7715, 46.4689**, and **4.5828, 3.8422, 7.3376** is the 20% darker color. If you saturate the color by 10%, you get **12.9414, 10.7795, 20.8008**, and if you desaturate by 10%, it is **16.4833, 15.9529, 21.6127**.

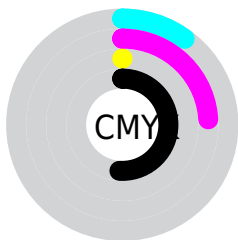
Distribution



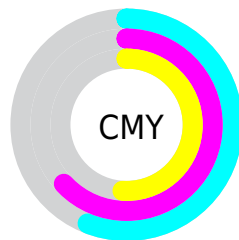
- Red (44%)
- Green (37%)
- Blue (49%)



- Red (44%)
- Yellow (37%)
- Blue (49%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6039, 13.1758, 21.1755 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 14.6039, 13.1758, 21.1755 by changing the saturation by 10% instead.

■ 14.6039, 13.1758,
21.1755

■ 14.6039, 13.1758,
21.1755

214.3923,
212.0413, 271.0213

■ 8.6264, 7.5497,
13.0599

■ 33.7342, 31.6193,
46.2640

■ 4.5534, 3.8082,
7.3386

■ 47.6176, 45.2054,
64.0740

■ 2.0197, 1.5669,
3.5931

■ 64.8671, 62.2137,
85.9524

■ 0.6450, 0.3351,
1.4049

■ 85.8480, 83.0286,
112.3179

■ 0.0000, 0.0000,
0.1455

110.9256,
108.0344, 143.5890

■ 0.0000, 0.0000,
0.0000

140.4653,

137.6155, 180.1843

174.8324,
172.1563, 222.5222

■ 14.6039, 13.1758,
21.1755

■ 14.6039, 13.1758,
21.1755

■ 12.9414, 10.7795,
20.8008

■ 16.4833, 15.9529,
21.6127

■ 11.4856, 8.7449,
20.4848

■ 18.5871, 19.1254,
22.1141

■ 10.2268, 7.0535,
20.2247

■ 20.9237, 22.7093,
22.6828

■ 9.1543, 5.6848,
20.0170

■ 23.5007, 26.7191,
23.3209

■ 8.2563, 4.6156,
19.8580

■ 26.3256, 31.1687,
24.0309

7.5191, 3.8200,
19.7433

29.4052, 36.0712,
24.8148

6.9249, 3.2632,
19.6671

32.7462, 41.4392,
25.6749

6.6032, 2.9764,
19.6287

36.3550, 47.2850,
26.6130

40.2379, 53.6200,
27.6312

Harmonies

Analogous

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



13.2043, 13.1758, 23.9164



14.6039, 13.1758, 21.1755



15.4814, 13.1758, 16.8127

Triad

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



14.6039, 13.1758, 21.1755



13.3572, 13.1758, 7.8204



9.9343, 13.1758, 16.3491

Complementary

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



14.6039, 13.1758, 21.1755



15.4631, 18.6196, 13.6061

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.



9.9681, 13.1758, 12.1336



14.6039, 13.1758, 21.1755



11.8659, 13.1758, 7.7453

Square

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



14.6039, 13.1758, 21.1755



14.7234, 13.1758, 9.4006



10.6502, 13.1758, 9.1701



10.5539, 13.1758, 20.7786

Rectangle

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



14.6039, 13.1758, 21.1755



15.6122, 13.1758, 13.8528



10.6502, 13.1758, 9.1701



9.8712, 13.1758, 14.8511

Sweetspot

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



14.6043, 13.1764, 21.1758



32.0455, 32.3685, 39.3031



13.7315, 14.5341, 21.4839



7.2523, 7.3068, 8.9312



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.6043, 13.1764, 21.1758



24.4079, 21.0662, 37.5241



16.0940, 13.9625, 20.4222



4.3368, 4.3293, 5.4203



6.8836, 3.1023, 20.4860



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2040, 13.6065, 15.7356



25.7353, 22.0127, 25.7420



14.2345, 17.9729, 14.1514



4.3935, 4.3706, 4.8766



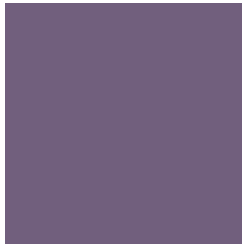
9.4247, 4.7896, 3.5600



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6039, 13.1758, 21.1755 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 14.6039, 13.1758, 21.1755 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 14.6039, 13.1758, 21.1755

Background



This preview shows how black text looks on a background with the XYZ color 14.6039, 13.1758, 21.1755.



This preview shows how white text looks on a background with the XYZ color 14.6039, 13.1758,

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

14.6039, 13.1758, 21.1755

Protanopia

13.3354, 13.3252, 22.6381

Deuteranopia

13.4508, 13.2789, 20.9229



Tritanopia

13.3996, 13.0910, 15.4562

Trichromacy



Original Color

14.6039, 13.1758, 21.1755

Protanomaly

13.8376, 13.3070, 22.2613

Deuteranomaly

13.8315, 13.1939, 20.8865

Tritanomaly

13.8109, 13.1212, 17.4275

Monochromacy



Original Color

14.6039, 13.1758, 21.1755

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6417, 13.6030, 17.2359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6039, 13.1758, 21.1755 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(113, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 125)  
}
```

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(113, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.6039, 13.1758, 21.1755 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(113, 95, 125) }
```


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

```
.border{ border-color:rgb(113, 95, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 95, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6039, 13.1758, 21.1755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 125) }
```

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

```
.background{ background-color: rgb(113, 95,  
125) }
```

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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