

Converting Colors

XYZ(13.9775, 12.5161, 18.5088)

Have a look what the booklet for
XYZ(13.9775, 12.5161, 18.5088)
contains.

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Color

**XYZ(13.9775, 12.5161,
18.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	725C75
RGB	114, 92, 117
RGB Percent	45%, 36%, 46%
CMY	0.5529, 0.6392, 0.5412
CMYK	0.03, 0.21, 0.00, 0.54
HSL	293°, 12%, 41%
HSV	293°, 21%, 46%
XYZ	13.9775, 12.5161, 18.5088
YIQ	101.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

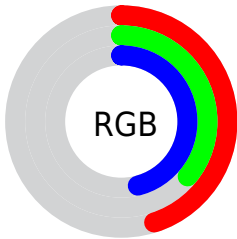
Format	Color
R_{YB}	114, 92, 117
Decimal	7494773
CIE Lab	42.02, 13.81, -10.75
CIE LCh	42, 17.499, 322.107
Yxy	12.5161, 0.3106, 0.2781
Android (android.graphics.Color)	4285684853 (0xFF725C75)
YUV	101.4280, 7.6770, 11.0256
Hunter-Lab	35.3781, 8.6117, -6.2541

Details

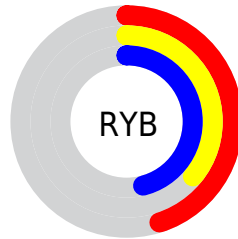
The XYZ color **13.9775, 12.5161, 18.5088** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.0128, 15.9285, 12.5145**, and the grayscale version is **12.4605, 13.1095, 14.2762**.

A 20% lighter version of the original color is **32.5603, 30.3176, 41.6719**, and **4.2979, 3.5419, 6.0874** is the 20% darker color. If you saturate the color by 10%, you get **12.8601, 10.5502, 18.1884**, and if you desaturate by 10%, it is **15.2550, 14.7977, 18.8820**.

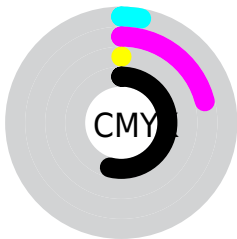
Distribution



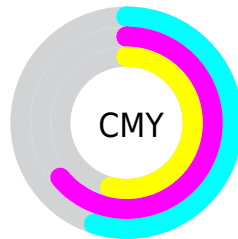
- Red (45%)
- Green (36%)
- Blue (46%)



- Red (45%)
- Yellow (36%)
- Blue (46%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9775, 12.5161, 18.5088 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 13.9775, 12.5161, 18.5088 by changing the saturation by 10% instead.

■ 13.9775, 12.5161,
18.5088

■ 13.9775, 12.5161,
18.5088

210.6042,
207.7927, 256.0552

■ 8.1866, 7.0962,
11.1427

■ 32.6357, 30.4317,
41.7280

■ 4.2674, 3.5223,
6.0475

■ 46.2337, 43.6961,
58.4182

■ 1.8545, 1.4101,
2.8047

■ 63.1648, 60.3441,
79.0534

■ 0.5502, 0.2242,
0.9958

■ 83.7944, 80.7602,
104.0523

■ 0.0000, 0.0000,
0.0000

108.4878,
105.3287, 133.8334

137.6103,

134.4340, 168.8152

171.5273,
168.4606, 209.4163

■ 13.9775, 12.5161,
18.5088

■ 13.9775, 12.5161,
18.5088

■ 12.8601, 10.5502,
18.1884

■ 15.2550, 14.7977,
18.8820

■ 11.8946, 8.8839,
17.9177

■ 16.6982, 17.4067,
19.3096

■ 11.0734, 7.5025,
17.6943

■ 18.3138, 20.3562,
19.7937

■ 10.3883, 6.3890,
17.5155

■ 20.1078, 23.6584,
20.3366

■ 9.8300, 5.5248,
17.3781

■ 22.0858, 27.3245,
20.9399

■ 9.3878, 4.8890,
17.2787

■ 24.2534, 31.3654,
21.6057

■ 9.0496, 4.4571,
17.2132

■ 26.6158, 35.7915,
22.3355

■ 8.7999, 4.1656,
17.1701

■ 29.1779, 40.6129,
23.1311

■ 31.9446, 45.8391,
23.9940

Harmonies

Analogous

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



12.8609, 12.5161, 21.3850



13.9775, 12.5161, 18.5088



14.5449, 12.5161, 14.6337

Triad

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



13.9775, 12.5161, 18.5088



12.2424, 12.5161, 7.7009



9.7295, 12.5161, 16.5002

Complementary

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



13.9775, 12.5161, 18.5088



13.0128, 15.9285, 12.5145

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.



9.5903, 12.5161, 12.6693



13.9775, 12.5161, 18.5088



10.9810, 12.5161, 8.0182

Square

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



13.9775, 12.5161, 18.5088



13.4966, 12.5161, 8.7276



10.0325, 12.5161, 9.6907



10.4275, 12.5161, 20.0862

Rectangle

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



13.9775, 12.5161, 18.5088



14.5084, 12.5161, 12.1824



10.0325, 12.5161, 9.6907



9.6179, 12.5161, 15.1835

Sweetspot

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



13.9779, 12.5166, 18.5091



28.6257, 28.8575, 34.1983



11.7474, 11.8049, 18.4893



6.5536, 6.5844, 7.8545



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.9779, 12.5166, 18.5091



23.9332, 20.4764, 32.8279



13.8616, 12.5159, 15.8265



3.7855, 3.7367, 4.6120



9.6871, 4.5852, 18.9170



46.7283, 22.0978, 92.1627

Inverse Universe

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



13.2293, 12.2630, 12.4968



22.3362, 19.9396, 19.8090



13.1325, 15.9411, 14.7401



3.7002, 3.7074, 3.9480



8.1668, 4.2004, 0.8207



39.6227, 20.3992, 3.0766

Previews

White Background



This preview shows how the XYZ color 13.9775, 12.5161, 18.5088 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 13.9775, 12.5161, 18.5088 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 13.9775, 12.5161, 18.5088

Background



This preview shows how black text looks on a background with the XYZ color 13.9775, 12.5161, 18.5088.



This preview shows how white text looks on a background with the XYZ color 13.9775, 12.5161,

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

13.9775, 12.5161, 18.5088

Protanopia

12.4350, 12.4955, 19.8456

Deuteranopia

12.7939, 12.5770, 18.2763



Tritanopia

13.1726, 12.5885, 14.3059

Trichromacy



Original Color

13.9775, 12.5161, 18.5088

Protanomaly

12.9399, 12.4885, 19.4978

Deuteranomaly

13.1885, 12.5095, 18.2425

Tritanomaly

13.4666, 12.5777, 15.6279

Monochromacy



Original Color

13.9775, 12.5161, 18.5088

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.9654, 12.8611, 15.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9775, 12.5161, 18.5088 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(114, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 117)  
}
```

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(114, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 117) }
```

Border

The CSS property to change the border of an element to XYZ 13.9775, 12.5161, 18.5088 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(114, 92, 117) }
```


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

```
.border{ border-color:rgb(114, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9775, 12.5161, 18.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 117) }
```

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

```
.background{ background-color: rgb(114, 92,  
117) }
```

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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