

Converting Colors

XYZ(15.6870, 13.2029, 29.1171)

Have a look what the booklet for
XYZ(15.6870, 13.2029, 29.1171)
contains.

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Color

**XYZ(15.5710, 13.1091,
28.9038)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5C92
RGB	111, 92, 146
RGB Percent	44%, 36%, 57%
CMY	0.5647, 0.6392, 0.4274
CMYK	0.24, 0.37, 0.00, 0.43
HSL	261°, 23%, 47%
HSV	261°, 37%, 57%
XYZ	15.5710, 13.1091, 28.9038
YIQ	103.8370, -6.0100, 20.8220

Conversions

Conversions Part 2

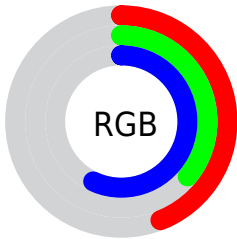
Format	Color
R _Y B	111, 92, 146
Decimal	7298194
CIE Lab	42.93, 19.59, -26.94
CIE LCh	43, 33.309, 306.026
Yxy	13.1091, 0.2704, 0.2277
Android (android.graphics.Color)	4285488274 (0xFF6F5C92)
YUV	103.8370, 20.7864, 6.2820
Hunter-Lab	36.2065, 13.4045, -21.9869

Details

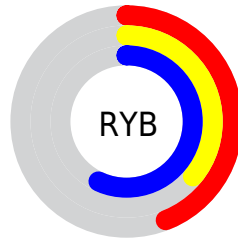
The XYZ color **15.5710, 13.1091, 28.9038** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.9634, 25.8428, 14.0090**, and the grayscale version is **13.0623, 13.7426, 14.9656**.

A 20% lighter version of the original color is **35.4082, 31.4086, 58.8398**, and **5.0292, 3.8043, 11.2957** is the 20% darker color. If you saturate the color by 10%, you get **13.2978, 10.2374, 28.4695**, and if you desaturate by 10%, it is **18.2150, 16.5343, 29.4258**.

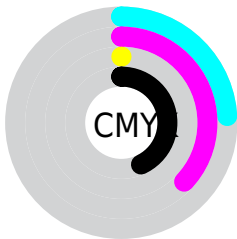
Distribution



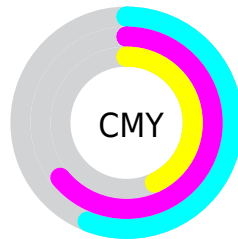
- Red (44%)
- Green (36%)
- Blue (57%)



- Red (44%)
- Yellow (36%)
- Blue (57%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5710, 13.1091, 28.9038 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 15.5710, 13.1091, 28.9038 by changing the saturation by 10% instead.

■ 15.5710, 13.1091,
28.9038

■ 15.5710, 13.1091,
28.9038

220.1173,
211.6157, 310.8075

■ 9.3100, 7.5037,
18.7631

■ 35.4153, 31.4996,
58.9646

■ 5.0027, 3.7791,
11.3242

■ 49.7294, 45.0536,
79.7217

■ 2.2836, 1.5508,
6.1684

■ 67.4584, 62.0259,
104.8548

■ 0.7863, 0.3241,
2.8773

■ 88.9680, 82.8008,
134.7823

■ 0.0000, 0.0000,
1.0323

114.6233,
107.7629, 169.9228

■ 0.0000, 0.0000,
0.0000

144.7897,

137.2965, 210.6948

179.8326,
171.7859, 257.5168

■ 15.5710, 13.1091,
28.9038

■ 15.5710, 13.1091,
28.9038

■ 13.2978, 10.2374,
28.4695

■ 18.2150, 16.5343,
29.4258

■ 11.3761, 7.8877,
28.1173

■ 21.2452, 20.5394,
30.0392

■ 9.7868, 6.0272,
27.8419

■ 24.6775, 25.1507,
30.7483

■ 8.5081, 4.6191,
27.6375

■ 28.5267, 30.3925,
31.5572

■ 7.5153, 3.6207,
27.4972

■ 32.8068, 36.2877,
32.4695

■ 6.7695, 2.9614,
27.4092

■ 37.5310, 42.8582,
33.4888

■ 6.5724, 2.7888,
27.3863

■ 42.7120, 50.1247,
34.6183

■ 48.3619, 58.1071,
35.8612

■ 54.4925, 66.8245,
37.2207

Harmonies

Analogous

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



12.9816, 13.1091, 33.2812



15.5710, 13.1091, 28.9038



17.4970, 13.1091, 20.7713

Triad

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



15.5710, 13.1091, 28.9038



14.5595, 13.1091, 4.9050



8.1931, 13.1091, 15.7988

Complementary

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



15.5710, 13.1091, 28.9038



20.9634, 25.8428, 14.0090

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.



8.4960, 13.1091, 9.2955



15.5710, 13.1091, 28.9038



11.9522, 13.1091, 4.3696

Square

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



15.5710, 13.1091, 28.9038



16.8595, 13.1091, 7.5064



9.7934, 13.1091, 5.6642



8.9010, 13.1091, 24.2251

Rectangle

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



15.5710, 13.1091, 28.9038



18.0176, 13.1091, 15.2687



9.7934, 13.1091, 5.6642



8.1815, 13.1091, 13.3227

Sweetspot

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



15.5715, 13.1096, 28.9041



40.8795, 40.7878, 53.6918



17.2046, 19.5556, 30.0622



8.9345, 8.8593, 11.9113



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.5715, 13.1096, 28.9041



24.2464, 19.0431, 50.3713



19.4805, 15.1248, 29.0870



5.6805, 5.7263, 7.2756



5.8060, 2.4657, 24.1009



0.1008, 0.0455, 0.2964

Inverse Universe

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



19.5123, 15.2980, 22.0034



32.3325, 23.5412, 35.8623



17.4776, 24.0459, 13.8458



5.9495, 5.8749, 6.8404



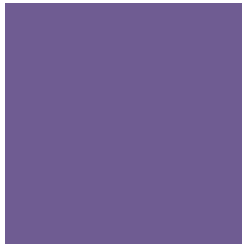
12.2453, 6.1032, 10.0388



0.1639, 0.0803, 0.1967

Previews

White Background



This preview shows how the XYZ color 15.5710, 13.1091, 28.9038 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 15.5710, 13.1091, 28.9038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

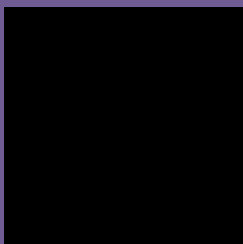
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5710, 13.1091, 28.9038

Background



This preview shows how black text looks on a background with the XYZ color 15.5710, 13.1091, 28.9038.

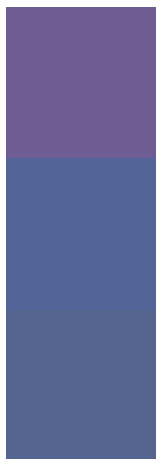


This preview shows how white text looks on a background with the XYZ color 15.5710, 13.1091,

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

15.5710, 13.1091, 28.9038

Protanopia

13.7919, 13.2203, 31.5306

Deuteranopia

13.4290, 13.1064, 28.2076



Tritanopia

12.9729, 13.1401, 16.0399

Trichromacy



Original Color

15.5710, 13.1091, 28.9038

Protanomaly

14.2939, 13.0786, 30.6252

Deuteranomaly

14.1048, 13.0266, 28.5590

Tritanomaly

13.8510, 13.0803, 20.2071

Monochromacy



Original Color

15.5710, 13.1091, 28.9038

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.9503, 13.5721, 19.3372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5710, 13.1091, 28.9038 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(111, 92, 146)` looks like.

```
.text, #text, p{  
    color:rgb(111, 92, 146)  
}
```

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(111, 92, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 92, 146) }
```

Border

The CSS property to change the border of an element to XYZ 15.5710, 13.1091, 28.9038 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(111, 92, 146) }
```


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

```
.border{ border-color:rgb(111, 92, 146) }
```

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

Here you see how a box with a 4 pixel rgb(111, 92, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 92, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 92, 146);  
box-shadow:4px 4px 4px 4px rgb(111, 92,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5710, 13.1091, 28.9038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 92, 146) }
```

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

```
.background{ background-color: rgb(111, 92,  
146) }
```

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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