

Converting Colors

XYZ(15.1447, 13.1299, 25.4482)

Have a look what the booklet for
XYZ(15.1447, 13.1299, 25.4482)
contains.

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Color

**XYZ(15.1118, 13.0796,
25.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	705D89
RGB	112, 93, 137
RGB Percent	44%, 36%, 54%
CMY	0.5608, 0.6353, 0.4627
CMYK	0.18, 0.32, 0.00, 0.46
HSL	266°, 19%, 45%
HSV	266°, 32%, 54%
XYZ	15.1118, 13.0796, 25.3950
YIQ	103.6970, -2.8000, 17.7120

Conversions

Conversions Part 2

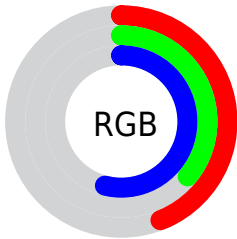
Format	Color
R _Y B	112, 93, 137
Decimal	7363977
CIE Lab	42.88, 17.07, -21.59
CIE LCh	43, 27.518, 308.327
Yxy	13.0796, 0.2820, 0.2441
Android (android.graphics.Color)	4285554057 (0xFF705D89)
YUV	103.6970, 16.4184, 7.2817
Hunter-Lab	36.1657, 11.2960, -16.3165

Details

The XYZ color **15.1118, 13.0796, 25.3950** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.3930, 22.5335, 13.7365**, and the grayscale version is **13.0357, 13.7146, 14.9352**.

A 20% lighter version of the original color is **34.5363, 31.2990, 53.5113**, and **4.7867, 3.7779, 9.4937** is the 20% darker color. If you saturate the color by 10%, you get **13.0674, 10.3979, 24.9853**, and if you desaturate by 10%, it is **17.4582, 16.2374, 25.8811**.

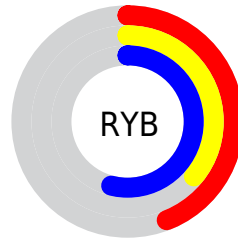
Distribution



Red (44%)

Green (36%)

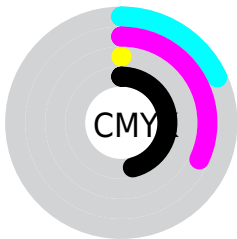
Blue (54%)



Red (44%)

Yellow (36%)

Blue (54%)

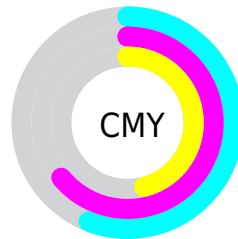


Cyan (18%)

Magenta (32%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (64%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1118, 13.0796, 25.3950 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 15.1118, 13.0796, 25.3950 by changing the saturation by 10% instead.

■ 15.1118, 13.0796,
25.3950

■ 15.1118, 13.0796,
25.3950

217.4169,
211.4272, 293.3098

■ 8.9847, 7.4834,
16.1499

■ 34.6192, 31.4467,
53.2694

■ 4.7882, 3.7662,
9.4748

■ 48.7303, 44.9864,
72.7357

■ 2.1570, 1.5437,
4.9511

■ 66.2334, 61.9427,
96.4462

■ 0.7199, 0.3192,
2.1604

■ 87.4939, 82.7000,
124.8193

■ 0.0000, 0.0000,
0.6514

112.8771,
107.6427, 158.2737

■ 0.0000, 0.0000,
0.0000

142.7485,

137.1552, 197.2279

177.4733,
171.6219, 242.1004

■ 15.1118, 13.0796,
25.3950

■ 15.1118, 13.0796,
25.3950

■ 13.0674, 10.3979,
24.9853

■ 17.4582, 16.2374,
25.8811

■ 11.3100, 8.1666,
24.6473

■ 20.1179, 19.8920,
26.4463

■ 9.8252, 6.3600,
24.3768

■ 23.1034, 24.0650,
27.0944

■ 8.5968, 4.9487,
24.1692

■ 26.4260, 28.7761,
27.8286

■ 7.6062, 3.8999,
24.0189

■ 30.0964, 34.0438,
28.6519

■ 6.8325, 3.1749,
23.9198

■ 34.1248, 39.8860,
29.5673

■ 6.3285, 2.7408,
23.8626

■ 38.5210, 46.3197,
30.5774

■ 43.2945, 53.3609,
31.6849

■ 48.4542, 61.0255,
32.8924

Harmonies

Analogous

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



13.0266, 13.0796, 29.0479



15.1118, 13.0796, 25.3950



16.5809, 13.0796, 18.9607

Triad

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



15.1118, 13.0796, 25.3950



13.9857, 13.0796, 5.9627



8.8446, 13.0796, 15.9853

Complementary

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



15.1118, 13.0796, 25.3950



18.3930, 22.5335, 13.7365

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.



9.0399, 13.0796, 10.3785



15.1118, 13.0796, 25.3950



11.8553, 13.0796, 5.5813

Square

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



15.1118, 13.0796, 25.3950



15.8814, 13.0796, 8.1993



10.0890, 13.0796, 6.9515



9.5218, 13.0796, 22.6980

Rectangle

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



15.1118, 13.0796, 25.3950



16.9275, 13.0796, 14.5823



10.0890, 13.0796, 6.9515



8.8121, 13.0796, 13.9060

Sweetspot

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



15.1122, 13.0801, 25.3953



36.9947, 36.9662, 47.5685



15.5872, 17.2482, 26.1748



8.1584, 8.0978, 10.6394



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.1122, 13.0801, 25.3953



24.1810, 19.6315, 44.8980



18.1556, 14.6491, 25.5377



4.9661, 4.9910, 6.3075



5.9082, 2.5599, 22.2284



0.0555, 0.0254, 0.1484

Inverse Universe

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



17.5013, 14.4556, 19.0078



29.3116, 22.5890, 31.0148



15.8162, 21.2050, 13.6159



5.1441, 5.0931, 5.8472



10.8915, 5.4667, 7.1992



0.0797, 0.0393, 0.0866

Previews

White Background



This preview shows how the XYZ color 15.1118, 13.0796, 25.3950 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 15.1118, 13.0796, 25.3950 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 15.1118, 13.0796, 25.3950

Background



This preview shows how black text looks on a background with the XYZ color 15.1118, 13.0796, 25.3950.



This preview shows how white text looks on a background with the XYZ color 15.1118, 13.0796,

25.3950.

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

15.1118, 13.0796, 25.3950

Protanopia

13.4642, 13.1420, 27.4182

Deuteranopia

13.4147, 13.1672, 25.1270



Tritanopia

13.1791, 13.1110, 15.7460

Trichromacy



Original Color

15.1118, 13.0796, 25.3950

Protanomaly

13.9381, 12.9842, 26.5825

Deuteranomaly

13.8642, 12.9796, 25.0671

Tritanomaly

13.8514, 13.1086, 18.9397

Monochromacy



Original Color

15.1118, 13.0796, 25.3950

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.7730, 13.5011, 18.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1118, 13.0796, 25.3950 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, 93, 137)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 137)  
}
```

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, 93, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 137) }
```

Border

The CSS property to change the border of an element to XYZ 15.1118, 13.0796, 25.3950 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, 93, 137) }
```


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

```
.border{ border-color:rgb(112, 93, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 93, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 93, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 93, 137);  
box-shadow:4px 4px 4px 4px rgb(112, 93,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1118, 13.0796, 25.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 137) }
```

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

```
.background{ background-color: rgb(112, 93,  
137) }
```

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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