

Converting Colors

XYZ(15.5891, 13.4411, 27.2962)

Have a look what the booklet for
XYZ(15.5891, 13.4411, 27.2962)
contains.

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Color

**XYZ(15.5673, 13.4031,
27.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	705E8E
RGB	112, 94, 142
RGB Percent	44%, 37%, 56%
CMY	0.5608, 0.6314, 0.4431
CMYK	0.21, 0.34, 0.00, 0.44
HSL	263°, 20%, 46%
HSV	263°, 34%, 56%
XYZ	15.5673, 13.4031, 27.3578
YIQ	104.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

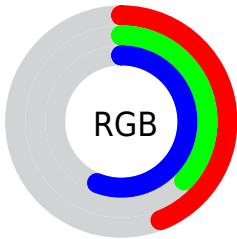
Format	Color
R_{YB}	112, 94, 142
Decimal	7364238
CIE Lab	43.36, 17.68, -23.85
CIE LCh	43, 29.692, 306.556
Yxy	13.4031, 0.2764, 0.2379
Android (android.graphics.Color)	4285554318 (0xFF705E8E)
YUV	104.8540, 18.3130, 6.2670
Hunter-Lab	36.6102, 11.8333, -18.6786

Details

The XYZ color **15.5673, 13.4031, 27.3578** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.0058, 24.4395, 14.2530**, and the grayscale version is **13.3411, 14.0359, 15.2851**.

A 20% lighter version of the original color is **35.3990, 32.1288, 56.5603**, and **5.0386, 3.9434, 10.6208** is the 20% darker color. If you saturate the color by 10%, you get **13.3448, 10.5525, 26.9249**, and if you desaturate by 10%, it is **18.1343, 16.7769, 27.8739**.

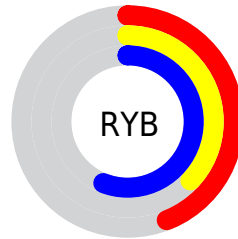
Distribution



Red (44%)

Green (37%)

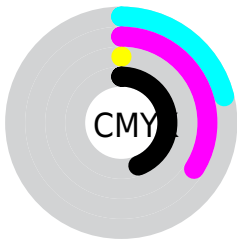
Blue (56%)



Red (44%)

Yellow (37%)

Blue (56%)

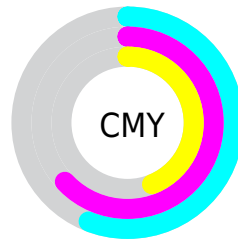


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5673, 13.4031, 27.3578 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 15.5673, 13.4031, 27.3578 by changing the saturation by 10% instead.

■ 15.5673, 13.4031,
27.3578

■ 15.5673, 13.4031,
27.3578

220.0957,
213.4852, 303.2002

■ 9.3074, 7.7067,
17.6073

■ 35.4089, 32.0261,
56.4682

■ 5.0009, 3.9079,
10.5019

■ 49.7213, 45.7215,
76.6652

■ 2.2826, 1.6222,
5.6231

■ 67.4486, 62.8520,
101.1814

■ 0.7857, 0.3725,
2.5522

■ 88.9561, 83.8020,
130.4354

■ 0.0000, 0.0000,
0.8676

114.6093,
108.9560, 164.8458

■ 0.0000, 0.0000,
0.0000

144.7733,

138.6982, 204.8310

179.8137,
173.4131, 250.8096

■ 15.5673, 13.4031,
27.3578

■ 15.5673, 13.4031,
27.3578

■ 13.3448, 10.5525,
26.9249

■ 18.1343, 16.7769,
27.8739

■ 11.4496, 8.1961,
26.5700

■ 21.0594, 20.6972,
28.4765

■ 9.8647, 6.3049,
26.2885

■ 24.3570, 25.1883,
29.1695

■ 8.5710, 4.8459,
26.0751

■ 28.0401, 30.2721,
29.9567

■ 7.5470, 3.7815,
25.9236

■ 32.1213, 35.9696,
30.8413

6.7671, 3.0663,
25.8267

36.6126, 42.3007,
31.8266

6.3640, 2.7167,
25.7804

41.5253, 49.2843,
32.9157

46.8703, 56.9386,
34.1114

52.6582, 65.2810,
35.4166

Harmonies

Analogous

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



13.2523, 13.4031, 31.1969



15.5673, 13.4031, 27.3578



17.2563, 13.4031, 20.2524

Triad

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



15.5673, 13.4031, 27.3578



14.5863, 13.4031, 5.7676



8.8219, 13.4031, 16.0922

Complementary

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



15.5673, 13.4031, 27.3578



20.0058, 24.4395, 14.2530

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.



9.0884, 13.4031, 10.1014



15.5673, 13.4031, 27.3578



12.2396, 13.4031, 5.2632

Square

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



15.5673, 13.4031, 27.3578



16.6439, 13.4031, 8.2609



10.2763, 13.4031, 6.5843



9.4987, 13.4031, 23.5405

Rectangle

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



15.5673, 13.4031, 27.3578



17.6984, 13.4031, 15.3701



10.2763, 13.4031, 6.5843



8.8055, 13.4031, 13.8439

Sweetspot

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



15.5678, 13.4036, 27.3581



39.1491, 39.2257, 50.6358



16.7569, 18.8489, 28.3465



8.5880, 8.5493, 11.2770



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5678, 13.4036, 27.3581



24.2501, 19.5182, 47.6171



18.9740, 15.1596, 27.5175



5.3088, 5.3474, 6.7811



5.7331, 2.4491, 23.1476



0.0778, 0.0353, 0.2224

Inverse Universe

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



18.7965, 15.2118, 21.0145



31.0159, 23.3136, 34.0391



16.9937, 22.8867, 14.1120



5.5416, 5.4772, 6.3503



11.6344, 5.8108, 8.9922



0.1220, 0.0598, 0.1424

Previews

White Background



This preview shows how the XYZ color 15.5673, 13.4031, 27.3578 looks on a white background.

Color Contrast Check

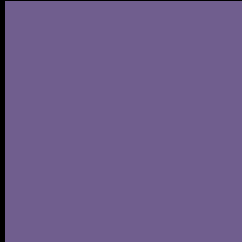
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5673, 13.4031, 27.3578 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 15.5673, 13.4031, 27.3578

Background



This preview shows how black text looks on a background with the XYZ color 15.5673, 13.4031, 27.3578.



This preview shows how white text looks on a background with the XYZ color 15.5673, 13.4031,

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

15.5673, 13.4031, 27.3578

Protanopia

14.0235, 13.5202, 29.8875

Deuteranopia

13.7758, 13.4546, 27.0702



Tritanopia

13.3579, 13.4757, 16.3650

Trichromacy



Original Color

15.5673, 13.4031, 27.3578

Protanomaly

14.4858, 13.3521, 29.0079

Deuteranomaly

14.3210, 13.3111, 27.0138

Tritanomaly

14.0032, 13.3040, 19.9190

Monochromacy



Original Color

15.5673, 13.4031, 27.3578

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.1080, 13.8035, 19.0603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5673, 13.4031, 27.3578 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, 94, 142)` looks like.

```
.text, #text, p{  
    color:rgb(112, 94, 142)  
}
```

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, 94, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 94, 142) }
```

Border

The CSS property to change the border of an element to XYZ 15.5673, 13.4031, 27.3578 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, 94, 142) }
```


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

```
.border{ border-color:rgb(112, 94, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 94, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 94, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 94, 142);  
box-shadow:4px 4px 4px 4px rgb(112, 94,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5673, 13.4031, 27.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 94, 142) }
```

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

```
.background{ background-color: rgb(112, 94,  
142) }
```

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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