

Converting Colors

XYZ(15.7936, 13.5535, 28.7135)

Have a look what the booklet for
XYZ(15.7936, 13.5535, 28.7135)
contains.

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Color

**XYZ(15.6691, 13.4292,
28.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5E91
RGB	111, 94, 145
RGB Percent	44%, 37%, 57%
CMY	0.5647, 0.6314, 0.4314
CMYK	0.23, 0.35, 0.00, 0.43
HSL	260°, 21%, 47%
HSV	260°, 35%, 57%
XYZ	15.6691, 13.4292, 28.5543
YIQ	104.8970, -6.2390, 19.4650

Conversions

Conversions Part 2

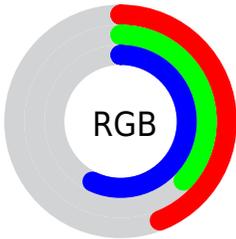
Format	Color
R_{YB}	111, 94, 145
Decimal	7298705
CIE _{Lab}	43.40, 18.11, -25.60
CIE _{LCh}	43, 31.358, 305.284
Yxy	13.4292, 0.2718, 0.2329
Android (android.graphics.Color)	4285488785 (0xFF6F5E91)
YUV	104.8970, 19.7708, 5.3523
Hunter-Lab	36.6459, 12.1930, -20.5464

Details

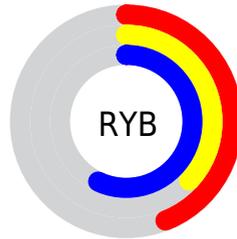
The XYZ color **15.6691, 13.4292, 28.5543** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.0481, 25.6484, 14.4314**, and the grayscale version is **13.3492, 14.0444, 15.2943**.

A 20% lighter version of the original color is **35.7440, 32.2668, 58.3770**, and **5.0639, 3.9462, 11.0845** is the 20% darker color. If you saturate the color by 10%, you get **13.3477, 10.4951, 28.1105**, and if you desaturate by 10%, it is **18.3653, 16.9167, 29.0856**.

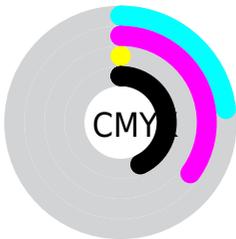
Distribution



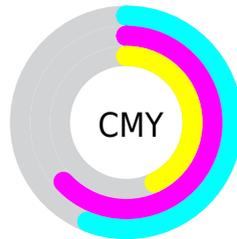
- Red (44%)
- Green (37%)
- Blue (57%)



- Red (44%)
- Yellow (37%)
- Blue (57%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6691, 13.4292, 28.5543 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 15.6691, 13.4292, 28.5543 by changing the saturation by 10% instead.

■ 15.6691, 13.4292,
28.5543

■ 15.6691, 13.4292,
28.5543

220.6901,
213.6503, 309.1010

■ 9.3797, 7.7248,
18.5012

■ 35.5849, 32.0727,
58.4019

■ 5.0487, 3.9193,
11.1373

■ 49.9420, 45.7806,
79.0335

■ 2.3109, 1.6285,
6.0439

■ 67.7189, 62.9251,
104.0285

■ 0.8003, 0.3767,
2.8026

■ 89.2812, 83.8906,
133.8052

■ 0.0000, 0.0000,
0.9947

114.9941,
109.0614, 168.7823

■ 0.0000, 0.0000,
0.0000

145.2230,

138.8221, 209.3782

180.3332,
173.5569, 256.0116

■ 15.6691, 13.4292,
28.5543

■ 15.6691, 13.4292,
28.5543

■ 13.3477, 10.4951,
28.1105

■ 18.3653, 16.9167,
29.0856

■ 11.3819, 8.0835,
27.7487

■ 21.4515, 20.9831,
29.7078

■ 9.7530, 6.1627,
27.4638

■ 24.9436, 25.6543,
30.4254

■ 8.4394, 4.6969,
27.2501

■ 28.8561, 30.9541,
31.2421

■ 7.4172, 3.6452,
27.1010

■ 33.2031, 36.9049,
32.1617

6.6552, 2.9533,
27.0076

37.9976, 43.5281,
33.1874

6.3457, 2.6809,
26.9713

43.2524, 50.8442,
34.3225

48.9795, 58.8725,
35.5703

55.1906, 67.6319,
36.9337

Harmonies

Analogous

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



13.2008, 13.4292, 32.4878



15.6691, 13.4292, 28.5543



17.5156, 13.4292, 20.9875

Triad

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



15.6691, 13.4292, 28.5543



14.8271, 13.4292, 5.5003



8.6406, 13.4292, 15.8942

Complementary

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



15.6691, 13.4292, 28.5543



21.0481, 25.6484, 14.4314

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.



8.9603, 13.4292, 9.6946



15.6691, 13.4292, 28.5543



12.3370, 13.4292, 4.9113

Square

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



15.6691, 13.4292, 28.5543



16.9877, 13.4292, 8.1552



10.2423, 13.4292, 6.1703



9.3058, 13.4292, 23.8331

Rectangle

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



15.6691, 13.4292, 28.5543



18.0316, 13.4292, 15.7544



10.2423, 13.4292, 6.1703



8.6375, 13.4292, 13.5454

Sweetspot

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



15.6696, 13.4297, 28.5546



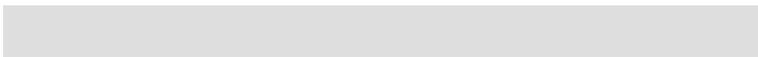
40.7932, 40.7434, 53.6878



17.4465, 19.8627, 29.7026



8.9135, 8.8485, 11.9103



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.



15.6696, 13.4297, 28.5546



24.8006, 19.9167, 50.5107



19.3486, 15.3264, 28.7268



5.2884, 5.3369, 6.7802



5.4682, 2.3126, 23.1352



0.0738, 0.0332, 0.2222

Inverse Universe

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



19.5763, 15.5840, 22.3984



32.9748, 24.4318, 37.2913



17.6825, 23.9133, 14.2739



5.5509, 5.4809, 6.3988



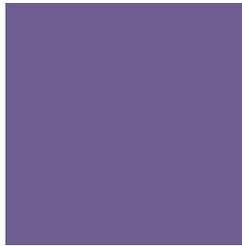
11.8655, 5.9032, 10.2088



0.1237, 0.0605, 0.1516

Previews

White Background



This preview shows how the XYZ color 15.6691, 13.4292, 28.5543 looks on a white background.

Color Contrast Check

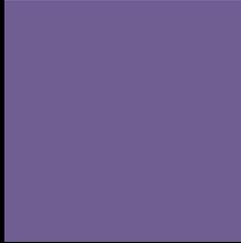
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6691, 13.4292, 28.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

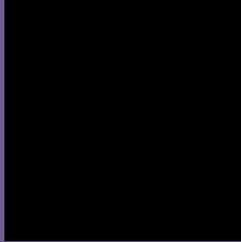
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6691, 13.4292, 28.5543

Background



This preview shows how black text looks on a background with the XYZ color 15.6691, 13.4292, 28.5543.



This preview shows how white text looks on a background with the XYZ color 15.6691, 13.4292,

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

15.6691, 13.4292, 28.5543

Protanopia

14.0773, 13.5202, 31.1459

Deuteranopia

13.7314, 13.4144, 27.8521



Tritanopia

13.1229, 13.3545, 16.3540

Trichromacy



Original Color

15.6691, 13.4292, 28.5543

Protanomaly

14.5118, 13.3382, 30.2434

Deuteranomaly

14.3315, 13.2904, 28.1955

Tritanomaly

13.9439, 13.2663, 20.2381

Monochromacy



Original Color

15.6691, 13.4292, 28.5543

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.1072, 13.7892, 19.6874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6691, 13.4292, 28.5543 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, 94, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 94, 145)  
}
```

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, 94, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 145) }
```

Border

The CSS property to change the border of an element to XYZ 15.6691, 13.4292, 28.5543 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, 94, 145) }
```

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

```
.border{ border-color:rgb(111, 94, 145) }
```

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

Here you see how a box with a 4 pixel rgb(111, 94, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 94, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 94, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 94,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6691, 13.4292, 28.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 145) }
```

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

```
.background{ background-color: rgb(111, 94,  
145) }
```

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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