

Converting Colors

XYZ(17.6721, 14.4618, 35.7883)

Have a look what the booklet for
XYZ(17.6721, 14.4618, 35.7883)
contains.

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Color

**XYZ(17.5955, 14.4025,
35.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	735FA1
RGB	115, 95, 161
RGB Percent	45%, 37%, 63%
CMY	0.5490, 0.6274, 0.3686
CMYK	0.29, 0.41, 0.00, 0.37
HSL	258°, 26%, 50%
HSV	258°, 41%, 63%
XYZ	17.5955, 14.4025, 35.5708
YIQ	108.5040, -9.2660, 24.7660

Conversions

Conversions Part 2

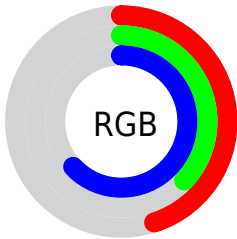
Format	Color
R_{YB}	115, 95, 161
Decimal	7561121
CIE _{Lab}	44.80, 22.88, -32.91
CIE _{LCh}	45, 40.078, 304.804
Yxy	14.4025, 0.2604, 0.2132
Android (android.graphics.Color)	4285751201 (0xFF735FA1)
YUV	108.5040, 25.8805, 5.6970
Hunter-Lab	37.9506, 16.3465, -29.0066

Details

The XYZ color **17.5955, 14.4025, 35.5708** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7952, 31.9790, 15.6400**, and the grayscale version is **14.3273, 15.0734, 16.4149**.

A 20% lighter version of the original color is **38.8220, 33.8405, 69.4515**, and **5.9316, 4.3080, 14.9869** is the 20% darker color. If you saturate the color by 10%, you get **14.9056, 11.0811, 35.0717**, and if you desaturate by 10%, it is **20.7659, 18.4171, 36.1789**.

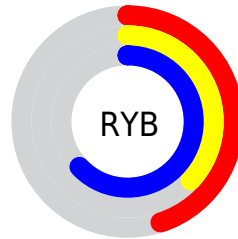
Distribution



Red (45%)

Green (37%)

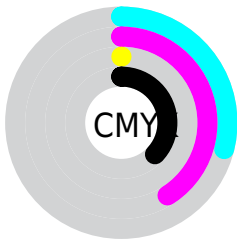
Blue (63%)



Red (45%)

Yellow (37%)

Blue (63%)

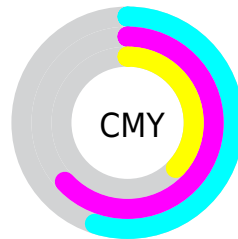


Cyan (29%)

Magenta (41%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5955, 14.4025, 35.5708 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 17.5955, 14.4025, 35.5708 by changing the saturation by 10% instead.

■ 17.5955, 14.4025,
35.5708

■ 17.5955, 14.4025,
35.5708

231.6710,
219.7206, 342.0612

■ 10.7579, 8.4011,
23.8158

■ 38.8824, 33.8015,
69.5307

■ 5.9704, 4.3527,
14.9861

■ 54.0623, 47.9680,
92.5726

■ 2.8676, 1.8727,
8.6631

■ 72.7538, 65.6249,
120.2140

■ 1.0841, 0.5319,
4.4283

■ 95.3221, 87.1567,
152.8734

■ 0.0118, 0.0000,
1.8631

122.1326,
112.9478, 190.9692

■ 0.0000, 0.0000,
0.4691

153.5507,

■ 0.0000, 0.0000,

143.3825, 234.9201

0.0000

189.9417,
178.8454, 285.1446

■ 17.5955, 14.4025,
35.5708

■ 17.5955, 14.4025,
35.5708

■ 14.9056, 11.0811,
35.0717

■ 20.7659, 18.4171,
36.1789

■ 12.6694, 8.4106,
34.6741

■ 24.4382, 23.1603,
36.9008

■ 10.8602, 6.3469,
34.3712

■ 28.6345, 28.6673,
37.7426

■ 9.4470, 4.8390,
34.1546

■ 33.3751, 34.9701,
38.7093

■ 8.3945, 3.8276,
34.0148

■ 38.6792, 42.0992,
39.8058

■ 7.6896, 3.2210,
33.9349

■ 44.5648, 50.0834,
41.0367

■ 51.0494, 58.9500,
42.4064

■ 58.1495, 68.7252,
43.9190

■ 65.8812, 79.4340,
45.5785

Harmonies

Analogous

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



14.2218, 14.4025, 41.2986



17.5955, 14.4025, 35.5708



20.1942, 14.4025, 24.6524

Triad

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



17.5955, 14.4025, 35.5708



16.5405, 14.4025, 4.3882



8.3364, 14.4025, 17.2367

Complementary

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



17.5955, 14.4025, 35.5708



25.7952, 31.9790, 15.6400

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.



8.7567, 14.4025, 9.2037



17.5955, 14.4025, 35.5708



13.1700, 14.4025, 3.7202

Square

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



17.5955, 14.4025, 35.5708



19.5203, 14.4025, 7.4934



10.4085, 14.4025, 5.0646



9.1530, 14.4025, 28.3502

Rectangle

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



17.5955, 14.4025, 35.5708



20.9441, 14.4025, 17.3678



10.4085, 14.4025, 5.0646



8.3391, 14.4025, 14.1087

Sweetspot

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



17.5960, 14.4031, 35.5711



50.3032, 50.0486, 67.3956



20.7072, 24.1154, 37.2818



10.8275, 10.7065, 14.7395



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.5960, 14.4031, 35.5711



27.1714, 20.4260, 62.8971



22.7022, 17.0354, 35.8101



6.8929, 6.9592, 8.8830



6.1786, 2.5917, 27.1044



0.1757, 0.0781, 0.5717

Inverse Universe

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



23.5982, 17.6851, 27.3693



39.5841, 27.2270, 45.3153



21.0196, 29.5170, 15.4165



7.2725, 7.1654, 8.4212



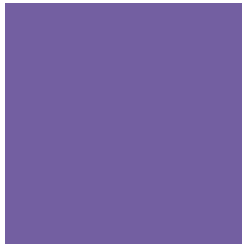
14.1027, 6.9971, 12.9973



0.3157, 0.1548, 0.3754

Previews

White Background



This preview shows how the XYZ color 17.5955, 14.4025, 35.5708 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 17.5955, 14.4025, 35.5708 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 17.5955, 14.4025, 35.5708

Background



This preview shows how black text looks on a background with the XYZ color 17.5955, 14.4025, 35.5708.

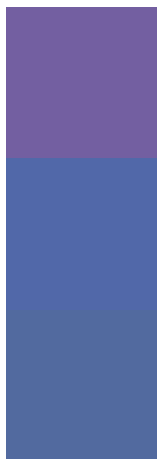


This preview shows how white text looks on a background with the XYZ color 17.5955, 14.4025,

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

17.5955, 14.4025, 35.5708

Protanopia

15.5051, 14.5145, 39.5205

Deuteranopia

14.8917, 14.6051, 34.8351



Tritanopia

14.0327, 14.3822, 17.9560

Trichromacy



Original Color

17.5955, 14.4025, 35.5708

Protanomaly

16.0508, 14.3877, 38.0075

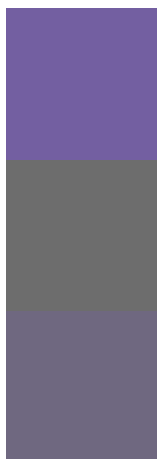
Deuteranomaly

15.7126, 14.4205, 35.2130

Tritanomaly

15.0571, 14.1973, 23.4195

Monochromacy



Original Color

17.5955, 14.4025, 35.5708

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4021, 14.8386, 22.4744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5955, 14.4025, 35.5708 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(115, 95, 161)` looks like.

```
.text, #text, p{  
    color:rgb(115, 95, 161)  
}
```

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(115, 95, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 95, 161) }
```

Border

The CSS property to change the border of an element to XYZ 17.5955, 14.4025, 35.5708 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(115, 95, 161) }
```


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

```
.border{ border-color:rgb(115, 95, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 95, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 95, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 95, 161); box-shadow:4px 4px 4px 4px rgb(115, 95, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5955, 14.4025, 35.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 95, 161) }
```

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

```
.background{ background-color: rgb(115, 95,  
161) }
```

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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