

Converting Colors

XYZ(17.4228, 14.2194, 35.4186)

Have a look what the booklet for
XYZ(17.4228, 14.2194, 35.4186)
contains.

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Color

**XYZ(17.3752, 14.1560,
35.5348)**

Conversions

Conversions Part 1

Format	Color
Hex	725EA1
RGB	114, 94, 161
RGB Percent	45%, 37%, 63%
CMY	0.5529, 0.6314, 0.3686
CMYK	0.29, 0.42, 0.00, 0.37
HSL	258°, 26%, 50%
HSV	258°, 42%, 63%
XYZ	17.3752, 14.1560, 35.5348
YIQ	107.6180, -9.5870, 25.0770

Conversions

Conversions Part 2

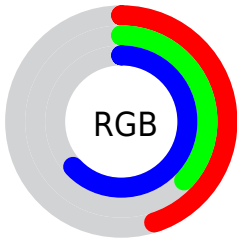
Format	Color
R_{YB}	114, 94, 161
Decimal	7495329
CIE _{Lab}	44.46, 23.18, -33.46
CIE _{LCh}	44, 40.711, 304.716
Yxy	14.1560, 0.2591, 0.2111
Android (android.graphics.Color)	4285685409 (0xFF725EA1)
YUV	107.6180, 26.3173, 5.5970
Hunter-Lab	37.6245, 16.5896, -29.6599

Details

The XYZ color **17.3752, 14.1560, 35.5348** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7498, 31.9608, 15.4020**, and the grayscale version is **14.0782, 14.8114, 16.1296**.

A 20% lighter version of the original color is **38.4564, 33.4242, 69.3904**, and **5.8267, 4.1939, 14.9704** is the 20% darker color. If you saturate the color by 10%, you get **14.7107, 10.8744, 35.0421**, and if you desaturate by 10%, it is **20.5208, 18.1294, 36.1362**.

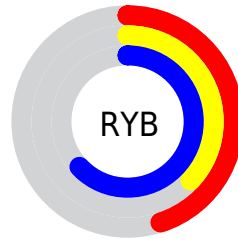
Distribution



Red (45%)

Green (37%)

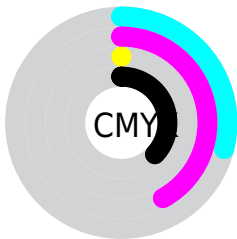
Blue (63%)



Red (45%)

Yellow (37%)

Blue (63%)

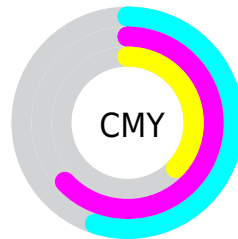


Cyan (29%)

Magenta (42%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3752, 14.1560, 35.5348 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 17.3752, 14.1560, 35.5348 by changing the saturation by 10% instead.

■ 17.3752, 14.1560,
35.5348

■ 17.3752, 14.1560,
35.5348

230.4397,
218.1992, 341.8984

■ 10.5993, 8.2292,
23.7883

■ 38.5082, 33.3656,
69.4744

■ 5.8634, 4.2420,
14.9659

■ 53.5961, 47.4172,
92.5045

■ 2.8021, 1.8098,
8.6491

■ 72.1854, 64.9459,
120.1329

■ 1.0500, 0.4933,
4.4193

■ 94.6413, 86.3360,
152.7782

■ 0.0000, 0.0000,
1.8581

121.3294,
111.9720, 190.8588

■ 0.0000, 0.0000,
0.4659

152.6149,

■ 0.0000, 0.0000,

142.2383, 234.7934

0.0000

188.8632,
177.5192, 285.0004

■ 17.3752, 14.1560,
35.5348

■ 17.3752, 14.1560,
35.5348

■ 14.7107, 10.8744,
35.0421

■ 20.5208, 18.1294,
36.1362

■ 12.5004, 8.2423,
34.6505

■ 24.1692, 22.8304,
36.8513

■ 10.7170, 6.2148,
34.3532

■ 28.3428, 28.2943,
37.6860

■ 9.3294, 4.7407,
34.1418

■ 33.0620, 34.5534,
38.6454

■ 8.3014, 3.7597,
34.0066

■ 38.3460, 41.6384,
39.7344

■ 7.6550, 3.2031,
33.9332

■ 44.2132, 49.5780,
40.9577

■ 50.6811, 58.3999,
42.3196

■ 57.7665, 68.1302,
43.8243

■ 65.4855, 78.7941,
45.4758

Harmonies

Analogous

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



13.9800, 14.1560, 41.3277



17.3752, 14.1560, 35.5348



20.0002, 14.1560, 24.4855

Triad

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



17.3752, 14.1560, 35.5348



16.3320, 14.1560, 4.1716



8.0979, 14.1560, 16.9464

Complementary

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



17.3752, 14.1560, 35.5348



25.7498, 31.9608, 15.4020

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.



8.5204, 14.1560, 8.9150



17.3752, 14.1560, 35.5348



12.9431, 14.1560, 3.5115

Square

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



17.3752, 14.1560, 35.5348



19.3326, 14.1560, 7.2463



10.1736, 14.1560, 4.8242



8.9085, 14.1560, 28.1562

Rectangle

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



17.3752, 14.1560, 35.5348



20.7616, 14.1560, 17.1374



10.1736, 14.1560, 4.8242



8.1017, 14.1560, 13.8092

Sweetspot

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



17.3757, 14.1565, 35.5351



50.2747, 50.0338, 67.3943



20.7250, 24.3042, 37.3173



10.8207, 10.7030, 14.7392



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.



17.3757, 14.1565, 35.5351



26.6415, 19.8344, 62.8108



22.3762, 16.7344, 35.7692



6.8900, 6.9577, 8.8829



6.1506, 2.5772, 27.1031



0.1747, 0.0776, 0.5716

Inverse Universe

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



23.5086, 17.5059, 27.3390



39.3534, 26.7915, 45.1581



21.0130, 29.5188, 15.1803



7.2738, 7.1660, 8.4283



14.1351, 7.0101, 13.1678



0.3163, 0.1550, 0.3780

Previews

White Background



This preview shows how the XYZ color 17.3752, 14.1560, 35.5348 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 17.3752, 14.1560, 35.5348 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 17.3752, 14.1560, 35.5348

Background



This preview shows how black text looks on a background with the XYZ color 17.3752, 14.1560, 35.5348.



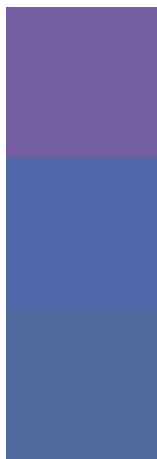
This preview shows how white text looks on a background with the XYZ color 17.3752, 14.1560,

35.5348.

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

17.3752, 14.1560, 35.5348

Protanopia

15.3199, 14.2705, 39.4832

Deuteranopia

14.6178, 14.3118, 34.7929



Tritanopia

13.8579, 14.2987, 17.6523

Trichromacy



Original Color

17.3752, 14.1560, 35.5348

Protanomaly

15.8537, 14.1428, 37.9706

Deuteranomaly

15.4125, 14.1207, 35.1710

Tritanomaly

14.8673, 14.1072, 23.0585

Monochromacy



Original Color

17.3752, 14.1560, 35.5348

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1114, 14.5478, 22.0902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3752, 14.1560, 35.5348 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(114, 94, 161)` looks like.

```
.text, #text, p{  
    color:rgb(114, 94, 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(114, 94, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 94, 161) }
```

Border

The CSS property to change the border of an element to XYZ 17.3752, 14.1560, 35.5348 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(114, 94, 161) }
```


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

```
.border{ border-color:rgb(114, 94, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 94, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 94, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 94, 161);  
box-shadow:4px 4px 4px 4px rgb(114, 94,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3752, 14.1560, 35.5348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 94, 161) }
```

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

```
.background{ background-color: rgb(114, 94,  
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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