

Converting Colors

XYZ(17.1239, 14.3352, 39.8947)

Have a look what the booklet for
XYZ(17.1239, 14.3352, 39.8947)
contains.

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Color

**XYZ(17.1239, 14.3352,
39.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	6761AA
RGB	103, 97, 170
RGB Percent	40%, 38%, 67%
CMY	0.5961, 0.6196, 0.3333
CMYK	0.39, 0.43, 0.00, 0.33
HSL	245°, 30%, 52%
HSV	245°, 43%, 67%
XYZ	17.1239, 14.3352, 39.8947
YIQ	107.1160, -19.8570, 23.9750

Conversions

Conversions Part 2

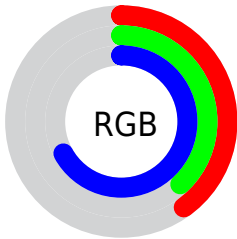
Format	Color
R_{YB}	103, 97, 170
Decimal	6775210
CIE _{Lab}	44.71, 20.72, -38.44
CIE _{LCh}	45, 43.668, 298.319
Yxy	14.3352, 0.2400, 0.2009
Android (android.graphics.Color)	4284965290 (0xFF6761AA)
YUV	107.1160, 31.0018, -3.6097
Hunter-Lab	37.8619, 14.4725, -35.9700

Details

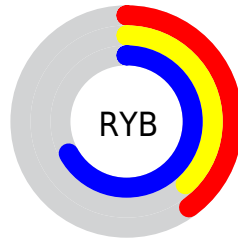
The XYZ color **17.1239, 14.3352, 39.8947** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.8423, 37.5052, 16.8706**, and the grayscale version is **13.9284, 14.6538, 15.9579**.

A 20% lighter version of the original color is **38.2220, 33.8389, 76.4685**, and **5.7600, 4.3558, 17.3668** is the 20% darker color. If you saturate the color by 10%, you get **14.0925, 10.6854, 39.3503**, and if you desaturate by 10%, it is **20.8270, 18.8314, 40.5677**.

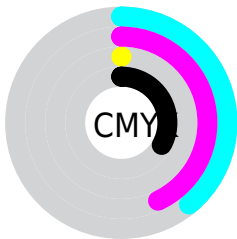
Distribution



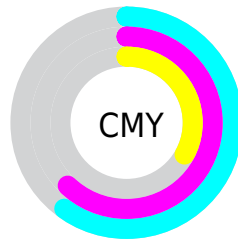
- Red (40%)
- Green (38%)
- Blue (67%)



- Red (40%)
- Yellow (38%)
- Blue (67%)



- Cyan (39%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1239, 14.3352, 39.8947 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 17.1239, 14.3352, 39.8947 by changing the saturation by 10% instead.

■ 17.1239, 14.3352,
39.8947

■ 17.1239, 14.3352,
39.8947

229.0277,
219.3063, 361.2184

■ 10.4187, 8.3542,
27.1433

■ 38.0806, 33.6826,
76.2385

■ 5.7418, 4.3224,
17.4475

■ 53.0628, 47.8178,
100.6679

■ 2.7279, 1.8555,
10.3887

■ 71.5347, 65.4398,
129.8271

■ 1.0116, 0.5214,
5.5485

■ 93.8618, 86.9331,
164.1346

■ 0.0000, 0.0000,
2.5082

120.4092,
112.6819, 204.0090

■ 0.0000, 0.0000,
0.8445

151.5424,

■ 0.0000, 0.0000,

143.0708, 249.8687

0.0000

187.6268,
178.4841, 302.1323

■ 17.1239, 14.3352,
39.8947

■ 17.1239, 14.3352,
39.8947

■ 14.0925, 10.6854,
39.3503

■ 20.8270, 18.8314,
40.5677

■ 11.6908, 7.8274,
38.9252

■ 25.2370, 24.2208,
41.3755

■ 9.8746, 5.7028,
38.6108

■ 30.3887, 30.5487,
42.3254

■ 8.5935, 4.2442,
38.3968

■ 36.3143, 37.8569,
43.4237

■ 7.7879, 3.3718,
38.2709

■ 43.0437, 46.1846,
44.6764

■ 7.4365, 2.9955,
38.2168

■ 50.6056, 55.5688,
46.0892

■ 59.0271, 66.0449,
47.6674

■ 68.3339, 77.6463,
49.4162

■ 78.5511, 90.4053,
51.3404

Harmonies

Analogous

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



13.4261, 14.3352, 44.4100



17.1239, 14.3352, 39.8947



20.2932, 14.3352, 28.2803

Triad

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



17.1239, 14.3352, 39.8947



17.5307, 14.3352, 4.1879



7.8811, 14.3352, 15.0426

Complementary

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



17.1239, 14.3352, 39.8947



31.8423, 37.5052, 16.8706

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.



8.6058, 14.3352, 7.4327



17.1239, 14.3352, 39.8947



13.8262, 14.3352, 3.0928

Square

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



17.1239, 14.3352, 39.8947



20.5552, 14.3352, 8.0545



10.6388, 14.3352, 3.9541



8.4594, 14.3352, 26.8307

Rectangle

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



17.1239, 14.3352, 39.8947



21.4561, 14.3352, 19.9072



10.6388, 14.3352, 3.9541



7.9775, 14.3352, 11.9782

Sweetspot

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



17.1245, 14.3357, 39.8950



54.8409, 55.0629, 76.7397



25.6650, 32.4024, 42.9321



11.7554, 11.6957, 17.0256



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.1245, 14.3357, 39.8950



25.5679, 19.3859, 71.3962



22.0728, 16.8867, 40.1266



7.1869, 7.3289, 9.4542



5.4912, 2.2143, 28.1135



0.1509, 0.0628, 0.6848

Inverse Universe

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



27.5533, 19.7761, 37.4866



47.2126, 30.6868, 65.9644



25.5304, 34.2513, 16.5752



7.8149, 7.6558, 9.3425



16.6202, 8.0568, 23.8753



0.4119, 0.1990, 0.6205

Previews

White Background



This preview shows how the XYZ color 17.1239, 14.3352, 39.8947 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 17.1239, 14.3352, 39.8947 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 17.1239, 14.3352, 39.8947

Background



This preview shows how black text looks on a background with the XYZ color 17.1239, 14.3352, 39.8947.



This preview shows how white text looks on a background with the XYZ color 17.1239, 14.3352,

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

17.1239, 14.3352, 39.8947

Protanopia

15.6672, 14.3716, 43.0225

Deuteranopia

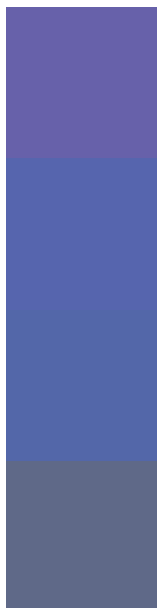
14.8205, 14.4748, 39.0586



Tritanopia

12.8960, 14.3953, 18.9285

Trichromacy



Original Color

17.1239, 14.3352, 39.8947

Protanomaly

16.1314, 14.3418, 41.9624

Deuteranomaly

15.5790, 14.4041, 39.4953

Tritanomaly

14.2148, 14.3136, 25.3062

Monochromacy



Original Color

17.1239, 14.3352, 39.8947

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8234, 14.3764, 23.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1239, 14.3352, 39.8947 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(103, 97, 170)` looks like.

```
.text, #text, p{  
    color:rgb(103, 97, 170)  
}
```

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(103, 97, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 97, 170) }
```

Border

The CSS property to change the border of an element to XYZ 17.1239, 14.3352, 39.8947 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(103, 97, 170) }
```


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

```
.border{ border-color:rgb(103, 97, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 97, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 97, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 97, 170);  
box-shadow:4px 4px 4px 4px rgb(103, 97,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1239, 14.3352, 39.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 97, 170) }
```

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

```
.background{ background-color: rgb(103, 97,  
170) }
```

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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