

Converting Colors

XYZ(17.2919, 13.5831, 39.1238)

Have a look what the booklet for
XYZ(17.2919, 13.5831, 39.1238)
contains.

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Color

**XYZ(17.3329, 13.6617,
39.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5BA9
RGB	110, 91, 169
RGB Percent	43%, 36%, 66%
CMY	0.5686, 0.6431, 0.3373
CMYK	0.35, 0.46, 0.00, 0.34
HSL	255°, 31%, 51%
HSV	255°, 46%, 66%
XYZ	17.3329, 13.6617, 39.2596
YIQ	105.5730, -13.7140, 28.2860

Conversions

Conversions Part 2

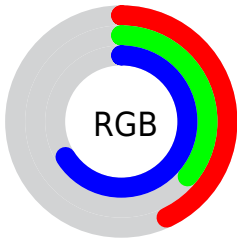
Format	Color
R _Y B	110, 91, 169
Decimal	7232425
CIE Lab	43.74, 26.02, -39.34
CIE LCh	44, 47.172, 303.482
Yxy	13.6617, 0.2467, 0.1945
Android (android.graphics.Color)	4285422505 (0xFF6E5BA9)
YUV	105.5730, 31.2695, 3.8825
Hunter-Lab	36.9617, 19.0231, -37.1028

Details

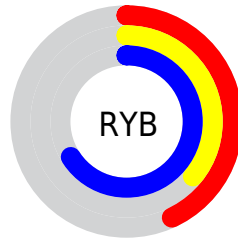
The XYZ color **17.3329, 13.6617, 39.2596** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **28.6541, 35.6155, 15.2622**, and the grayscale version is **13.5035, 14.2067, 15.4711**.

A 20% lighter version of the original color is **38.4253, 32.3785, 75.4586**, and **5.8357, 4.0373, 16.9947** is the 20% darker color. If you saturate the color by 10%, you get **14.5702, 10.3292, 38.7622**, and if you desaturate by 10%, it is **20.6514, 17.7642, 39.8768**.

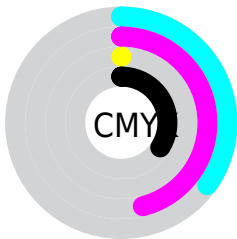
Distribution



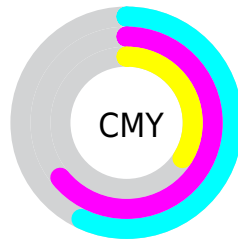
- Red (43%)
- Green (36%)
- Blue (66%)



- Red (43%)
- Yellow (36%)
- Blue (66%)



- Cyan (35%)
- Magenta (46%)
- Yellow (0%)
- Black (34%)



- Cyan (57%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3329, 13.6617, 39.2596 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 17.3329, 13.6617, 39.2596 by changing the saturation by 10% instead.

■ 17.3329, 13.6617,
39.2596

■ 17.3329, 13.6617,
39.2596

230.2026,
215.1160, 358.4518

■ 10.5689, 7.8858,
26.6524

■ 38.4363, 32.4875,
75.2594

■ 5.8429, 4.0219,
17.0822

■ 53.5065, 46.3062,
99.4891

■ 2.7895, 1.6858,
10.1305

■ 72.0760, 63.5746,
128.4300

■ 1.0435, 0.4145,
5.3788

■ 94.5104, 84.6771,
162.5007

■ 0.0000, 0.0000,
2.4086

■ 121.1748,
109.9981, 202.1196

■ 0.0000, 0.0000,
0.7911

152.4348,

■ 0.0000, 0.0000,

139.9220, 247.7055

0.0000

188.6556,
174.8331, 299.6767

■ 17.3329, 13.6617,
39.2596

■ 17.3329, 13.6617,
39.2596

■ 14.5702, 10.3292,
38.7622

■ 20.6514, 17.7642,
39.8768

■ 12.3299, 7.7158,
38.3759

■ 24.5535, 22.6799,
40.6200

■ 10.5772, 5.7670,
38.0921

■ 29.0667, 28.4508,
41.4960

■ 9.2718, 4.4193,
37.9008

■ 34.2165, 35.1153,
42.5110

■ 8.3627, 3.5886,
37.7883

■ 40.0267, 42.7096,
43.6706

■ 8.0827, 3.3395,
37.7550

■ 46.5201, 51.2678,
44.9802

■ 53.7181, 60.8224,
46.4451

■ 61.6415, 71.4042,
48.0700

■ 70.3099, 83.0427,
49.8595

Harmonies

Analogous

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



13.4233, 13.6617, 46.0187



17.3329, 13.6617, 39.2596



20.4738, 13.6617, 25.9923

Triad

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



17.3329, 13.6617, 39.2596



16.4386, 13.6617, 3.0586



7.0854, 13.6617, 16.1514

Complementary

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



17.3329, 13.6617, 39.2596



28.6541, 35.6155, 15.2622

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.



7.5894, 13.6617, 7.4894



17.3329, 13.6617, 39.2596



12.5564, 13.6617, 2.3802

Square

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



17.3329, 13.6617, 39.2596



19.8923, 13.6617, 6.2095



9.4328, 13.6617, 3.5118



7.8964, 13.6617, 29.2377

Rectangle

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



17.3329, 13.6617, 39.2596



21.4432, 13.6617, 17.3177



9.4328, 13.6617, 3.5118



7.1074, 13.6617, 12.6740

Sweetspot

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



17.3334, 13.6622, 39.2599



53.7220, 53.0989, 74.6427



22.5106, 27.1580, 41.5920



11.3140, 11.0645, 16.1915



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.3334, 13.6622, 39.2599



26.1700, 18.5888, 69.4338



23.1518, 16.6617, 39.5322



7.2966, 7.3855, 9.4593



6.0659, 2.5105, 28.1404



0.1921, 0.0840, 0.6867

Inverse Universe

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



25.6086, 18.1195, 31.0018



43.0211, 27.6849, 51.7443



22.7333, 32.5633, 14.9851



7.7626, 7.6349, 9.0672



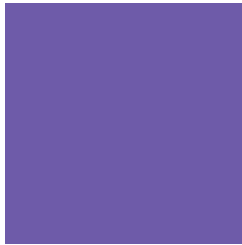
15.1121, 7.4536, 15.9338



0.3860, 0.1887, 0.4843

Previews

White Background



This preview shows how the XYZ color 17.3329, 13.6617, 39.2596 looks on a white background.

Color Contrast Check

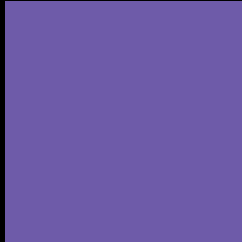
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3329, 13.6617, 39.2596 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 17.3329, 13.6617, 39.2596

Background



This preview shows how black text looks on a background with the XYZ color 17.3329, 13.6617, 39.2596.



This preview shows how white text looks on a background with the XYZ color 17.3329, 13.6617,

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

17.3329, 13.6617, 39.2596

Protanopia

15.1438, 13.7869, 43.9825

Deuteranopia

14.1480, 13.8471, 38.0035



Tritanopia

12.9119, 13.6672, 17.2867

Trichromacy



Original Color

17.3329, 13.6617, 39.2596

Protanomaly

15.6687, 13.5294, 42.3430

Deuteranomaly

15.0042, 13.5527, 38.3843

Tritanomaly

14.1750, 13.4419, 24.0377

Monochromacy



Original Color

17.3329, 13.6617, 39.2596

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.6795, 14.0181, 22.7010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3329, 13.6617, 39.2596 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(110, 91, 169)` looks like.

```
.text, #text, p{  
    color:rgb(110, 91, 169)  
}
```

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(110, 91, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 91, 169) }
```

Border

The CSS property to change the border of an element to XYZ 17.3329, 13.6617, 39.2596 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(110, 91, 169) }
```


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

```
.border{ border-color:rgb(110, 91, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 91, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 91, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 91, 169); box-shadow:4px 4px 4px 4px rgb(110, 91, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3329, 13.6617, 39.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 91, 169) }
```

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

```
.background{ background-color: rgb(110, 91,  
169) }
```

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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