

Converting Colors

XYZ(17.5141, 16.0794, 34.5836)

Have a look what the booklet for
XYZ(17.5141, 16.0794, 34.5836)
contains.

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Color

**XYZ(17.4927, 16.1098,
34.5353)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6B9E
RGB	107, 107, 158
RGB Percent	42%, 42%, 62%
CMY	0.5804, 0.5804, 0.3804
CMYK	0.32, 0.32, 0.00, 0.38
HSL	240°, 21%, 52%
HSV	240°, 32%, 62%
XYZ	17.4927, 16.1098, 34.5353
YIQ	112.8140, -16.3710, 15.8610

Conversions

Conversions Part 2

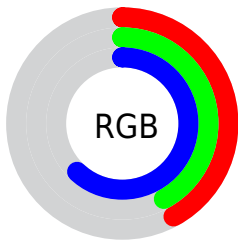
Format	Color
R_{YB}	107, 107, 158
Decimal	7039902
CIE _{Lab}	47.12, 12.35, -27.57
CIE _{LCh}	47, 30.209, 294.125
Yxy	16.1098, 0.2567, 0.2364
Android (android.graphics.Color)	4285229982 (0xFF6B6B9E)
YUV	112.8140, 22.2767, -5.0989
Hunter-Lab	40.1370, 7.5549, -22.9193

Details

The XYZ color **17.4927, 16.1098, 34.5353** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.9814, 32.7846, 18.7110**, and the grayscale version is **15.5810, 16.3925, 17.8514**.

A 20% lighter version of the original color is **38.7343, 36.7314, 67.9991**, and **5.9047, 5.1422, 14.3170** is the 20% darker color. If you saturate the color by 10%, you get **14.2644, 12.2199, 33.9549**, and if you desaturate by 10%, it is **21.3702, 20.7819, 35.2330**.

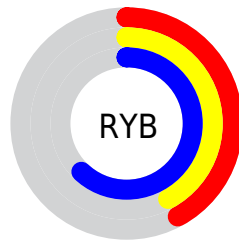
Distribution



Red (42%)

Green (42%)

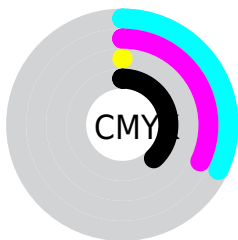
Blue (62%)



Red (42%)

Yellow (42%)

Blue (62%)

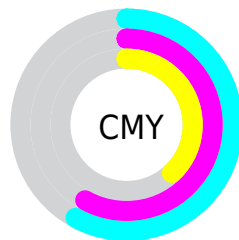


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4927, 16.1098, 34.5353 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 17.4927, 16.1098, 34.5353 by changing the saturation by 10% instead.

■ 17.4927, 16.1098,
34.5353

■ 17.4927, 16.1098,
34.5353

231.0972,
229.9888, 337.3541

■ 10.6839, 9.6019,
23.0245

■ 38.7079, 36.7887,
67.9086

■ 5.9204, 5.1358,
14.4061

■ 53.8449, 51.7285,
90.6082

■ 2.8369, 2.3272,
8.2617

■ 72.4888, 70.2477,
117.8744

■ 1.0681, 0.7880,
4.1727

■ 95.0047, 92.7307,
150.1258

■ 0.0000, 0.0000,
1.7205

121.7582,
119.5619, 187.7809

■ 0.0000, 0.0000,
0.3748

153.1146,

■ 0.0000, 0.0000,

151.1258, 231.2583

0.0000

189.4391,
187.8066, 280.9765

■ 17.4927, 16.1098,
34.5353

■ 17.4927, 16.1098,
34.5353

■ 14.2644, 12.2199,
33.9549

■ 21.3702, 20.7819,
35.2330

■ 11.6483, 9.0677,
33.4843

■ 25.9279, 26.2737,
36.0528

■ 9.6063, 6.6071,
33.1170

■ 31.1968, 32.6224,
37.0006

■ 8.0952, 4.7864,
32.8453

■ 37.2056, 39.8626,
38.0813

■ 7.0659, 3.5462,
32.6601

■ 43.9811, 48.0268,
39.3001

■ 6.4600, 2.8161,
32.5511

■ 51.5493, 57.1459,
40.6614

■ 6.1716, 2.4687,
32.4993

■ 59.9344, 67.2495,
42.1696

■ 69.1600, 78.3659,
43.8291

■ 79.2485, 90.5220,
45.6437

Harmonies

Analogous

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



14.7957, 16.1098, 36.4536



17.4927, 16.1098, 34.5353



19.8279, 16.1098, 27.5692

Triad

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



17.4927, 16.1098, 34.5353



18.4996, 16.1098, 8.1671



10.7779, 16.1098, 16.0878

Complementary

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



17.4927, 16.1098, 34.5353



28.9814, 32.7846, 18.7110

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.



11.5396, 16.1098, 10.2976



17.4927, 16.1098, 34.5353



15.8399, 16.1098, 6.6531

Square

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



17.4927, 16.1098, 34.5353



20.4546, 16.1098, 12.2220



13.3203, 16.1098, 7.3014



11.1126, 16.1098, 24.2145

Rectangle

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



17.4927, 16.1098, 34.5353



20.7605, 16.1098, 21.8476



13.3203, 16.1098, 7.3014



10.9112, 16.1098, 13.8409

Sweetspot

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



17.4933, 16.1104, 34.5357



48.9686, 49.9826, 65.8101



24.4622, 30.0485, 36.8587



10.7683, 10.9412, 14.7880



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.



17.4933, 16.1104, 34.5357



27.2715, 23.8390, 61.9075



21.0238, 17.9305, 34.7009



6.2848, 6.4353, 8.3176



4.9428, 1.9771, 26.0283



0.0884, 0.0354, 0.4654

Inverse Universe

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



25.5301, 20.2536, 34.9114



44.2742, 32.6042, 62.7023



24.4752, 30.4616, 18.5002



6.9042, 6.7546, 8.3465



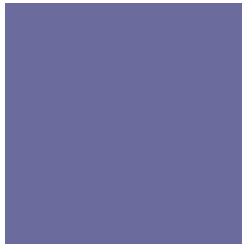
16.2357, 7.7988, 26.5559



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 17.4927, 16.1098, 34.5353 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 17.4927, 16.1098, 34.5353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

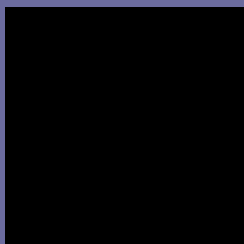
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 17.4927, 16.1098, 34.5353

Background



This preview shows how black text looks on a background with the XYZ color 17.4927, 16.1098, 34.5353.



This preview shows how white text looks on a background with the XYZ color 17.4927, 16.1098,

34.5353.

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

17.4927, 16.1098, 34.5353

Protanopia

16.7450, 16.1767, 35.4976

Deuteranopia

16.3810, 16.0191, 34.1269



Tritanopia

14.7381, 16.1173, 21.0731

Trichromacy



Original Color

17.4927, 16.1098, 34.5353

Protanomaly

16.9822, 16.1498, 35.0231

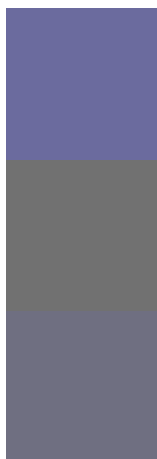
Deuteranomaly

16.7000, 16.0242, 34.1111

Tritanomaly

15.6079, 15.9712, 25.5527

Monochromacy



Original Color

17.4927, 16.1098, 34.5353

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2024, 16.3334, 23.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4927, 16.1098, 34.5353 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(107, 107, 158)` looks like.

```
.text, #text, p{  
    color:rgb(107, 107, 158)  
}
```

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(107, 107, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 107, 158) }
```

Border

The CSS property to change the border of an element to XYZ 17.4927, 16.1098, 34.5353 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(107, 107, 158) }
```


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

```
.border{ border-color:rgb(107, 107, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 107, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 107, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 107, 158); box-shadow:4px 4px 4px 4px rgb(107, 107, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4927, 16.1098, 34.5353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 107, 158) }
```

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

```
.background{ background-color: rgb(107,  
107, 158) }
```

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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