

Converting Colors

XYZ(17.0735, 17.8417, 33.2353)

Have a look what the booklet for
XYZ(17.0735, 17.8417, 33.2353)
contains.

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Color

**XYZ(17.1489, 17.9596,
33.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	5F779A
RGB	95, 119, 154
RGB Percent	37%, 47%, 60%
CMY	0.6274, 0.5333, 0.3961
CMYK	0.38, 0.23, 0.00, 0.40
HSL	216°, 24%, 49%
HSV	216°, 38%, 60%
XYZ	17.1489, 17.9596, 33.1346
YIQ	115.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

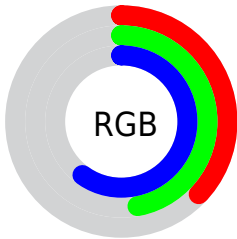
Format	Color
R_{YB}	95, 112, 154
Decimal	6256538
CIE _{Lab}	49.45, 0.43, -21.69
CIE _{LCh}	49, 21.690, 271.146
Yxy	17.9596, 0.2513, 0.2632
Android (android.graphics.Color)	4284446618 (0xFF5F779A)
YUV	115.8140, 18.8257, -18.2539
Hunter-Lab	42.3788, -1.9314, -16.6918

Details

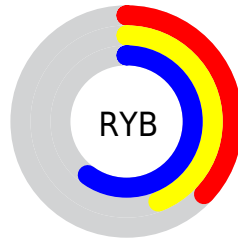
The XYZ color **17.1489, 17.9596, 33.1346** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **23.3752, 23.6622, 14.1625**, and the grayscale version is **16.4939, 17.3528, 18.8972**.

A 20% lighter version of the original color is **38.1042, 39.9323, 66.0210**, and **5.7836, 6.0436, 13.6937** is the 20% darker color. If you saturate the color by 10%, you get **14.6691, 15.1444, 32.7222**, and if you desaturate by 10%, it is **20.0506, 21.1483, 33.5975**.

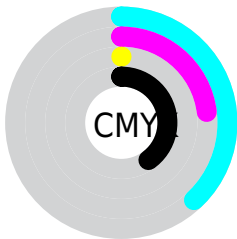
Distribution



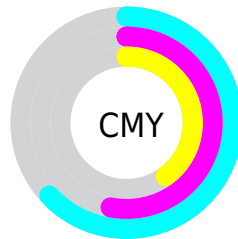
- Red (37%)
- Green (47%)
- Blue (60%)



- Red (37%)
- Yellow (44%)
- Blue (60%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1489, 17.9596, 33.1346 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 17.1489, 17.9596, 33.1346 by changing the saturation by 10% instead.

■ 17.1489, 17.9596,
33.1346

■ 17.1489, 17.9596,
33.1346

229.1685,
240.6432, 330.9064

■ 10.4367, 10.9210,
21.9576

■ 38.1232, 39.9685,
65.7040

■ 5.7539, 6.0137,
13.6277

■ 53.1159, 55.7075,
87.9336

■ 2.7353, 2.8534,
7.7264

■ 71.5996, 75.1155,
114.6844

■ 1.0154, 1.0557,
3.8351

■ 93.9395, 98.5768,
146.3750

■ 0.0000, 0.0000,
1.5353

120.5009,
126.4758, 183.4240

■ 0.0000, 0.0000,
0.2441

151.6494,

■ 0.0000, 0.0000,

159.1970, 226.2499

0.0000

187.7501,
197.1247, 275.2711

■ 17.1489, 17.9596,
33.1346

■ 17.1489, 17.9596,
33.1346

■ 14.6691, 15.1444,
32.7222

■ 20.0506, 21.1483,
33.5975

■ 12.5879, 12.6850,
32.3572

■ 23.3926, 24.7229,
34.1113

■ 10.8821, 10.5655,
32.0380

■ 27.1940, 28.6978,
34.6782

■ 9.5250, 8.7672,
31.7624

■ 31.4724, 33.0858,
35.2996

■ 8.4862, 7.2694,
31.5281

■ 36.2444, 37.8993,
35.9772

■ 7.7094, 6.0379,
31.3313

■ 41.5258, 43.1500,
36.7124

■ 7.5906, 5.8488,
31.3011

■ 47.3315, 48.8492,
37.5064

■ 53.6761, 55.0077,
38.3607

■ 60.5733, 61.6361,
39.2766

Harmonies

Analogous

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



15.2396, 17.9596, 31.1875



17.1489, 17.9596, 33.1346



19.1886, 17.9596, 30.8807

Triad

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



17.1489, 17.9596, 33.1346



20.6665, 17.9596, 14.2832



13.8485, 17.9596, 14.6023

Complementary

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



17.1489, 17.9596, 33.1346



23.3752, 23.6622, 14.1625

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.



15.1135, 17.9596, 11.4046



17.1489, 17.9596, 33.1346



19.0416, 17.9596, 11.2479

Square

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



17.1489, 17.9596, 33.1346



21.3171, 17.9596, 19.3304



16.9915, 17.9596, 10.3086



13.4283, 17.9596, 19.7813

Rectangle

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



17.1489, 17.9596, 33.1346



20.3235, 17.9596, 27.5165



16.9915, 17.9596, 10.3086



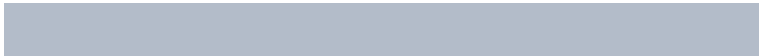
14.1838, 17.9596, 13.2995

Sweetspot

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



17.1495, 17.9603, 33.1350



47.3016, 49.9533, 62.6852



20.2657, 27.1407, 25.0856



10.5078, 11.0995, 14.1590



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.1495, 17.9603, 33.1350



27.2283, 28.1811, 59.5407



15.1719, 13.2228, 32.3248



6.0805, 6.4183, 7.8474



6.2177, 4.8321, 25.5127



0.1273, 0.1410, 0.3929

Inverse Universe

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



20.7490, 16.3870, 19.5228



34.8796, 25.4612, 30.4655



26.0313, 30.3353, 15.3105



6.3077, 6.2623, 7.0006



11.5972, 5.8931, 4.4037



0.1907, 0.0950, 0.1572

Previews

White Background



This preview shows how the XYZ color 17.1489, 17.9596, 33.1346 looks on a white background.

Color Contrast Check

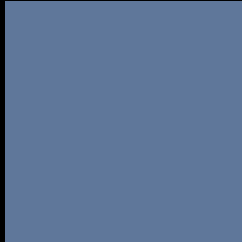
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1489, 17.9596, 33.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

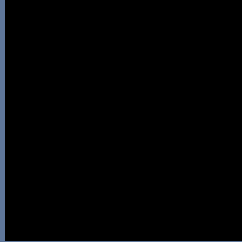
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

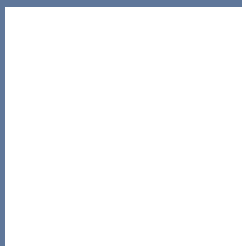
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1489, 17.9596, 33.1346

Background



This preview shows how black text looks on a background with the XYZ color 17.1489, 17.9596, 33.1346.

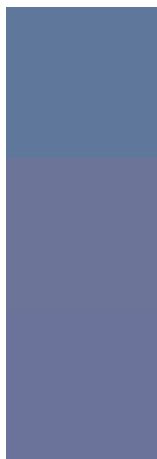


This preview shows how white text looks on a background with the XYZ color 17.1489, 17.9596,

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

17.1489, 17.9596, 33.1346

Protanopia

18.0972, 17.9459, 32.2158

Deuteranopia

18.2315, 17.8162, 33.4883



Tritanopia

15.5330, 18.0330, 24.8523

Trichromacy



Original Color

17.1489, 17.9596, 33.1346

Protanomaly

17.7046, 17.9061, 32.6601

Deuteranomaly

17.7553, 17.7409, 33.4989

Tritanomaly

16.1809, 18.1175, 27.8435

Monochromacy



Original Color

17.1489, 17.9596, 33.1346

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5749, 17.5224, 23.6277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1489, 17.9596, 33.1346 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(95, 119, 154) looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 154)  
}
```

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(95, 119, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 154) }
```

Border

The CSS property to change the border of an element to XYZ 17.1489, 17.9596, 33.1346 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(95, 119, 154) }
```


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

```
.border{ border-color:rgb(95, 119, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 119, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 154);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1489, 17.9596, 33.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 154) }
```

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

```
.background{ background-color: rgb(95, 119,  
154) }
```

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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