

Converting Colors

XYZ(17.3443, 19.3120, 34.6804)

Have a look what the booklet for
XYZ(17.3443, 19.3120, 34.6804)
contains.

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Color

**XYZ(17.3844, 19.3345,
34.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	567E9D
RGB	86, 126, 157
RGB Percent	34%, 49%, 62%
CMY	0.6627, 0.5059, 0.3843
CMYK	0.45, 0.20, 0.00, 0.38
HSL	206°, 29%, 48%
HSV	206°, 45%, 62%
XYZ	17.3844, 19.3345, 34.7140
YIQ	117.5740, -33.7910, 1.1610

Conversions

Conversions Part 2

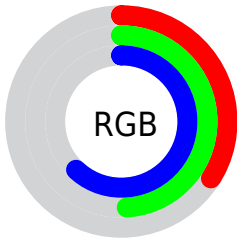
Format	Color
R _{YB}	86, 112, 157
Decimal	5668509
CIE _{Lab}	51.08, -5.30, -20.98
CIE _{LCh}	51, 21.640, 255.819
Yxy	19.3345, 0.2434, 0.2707
Android (android.graphics.Color)	4283858589 (0xFF567E9D)
YUV	117.5740, 19.4370, -27.6904
Hunter-Lab	43.9710, -6.3774, -16.0282

Details

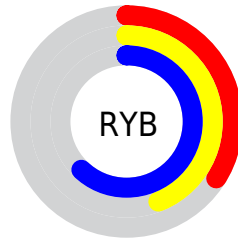
The XYZ color **17.3844, 19.3345, 34.7140** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **21.9460, 20.5630, 11.6170**, and the grayscale version is **17.0363, 17.9235, 19.5187**.

A 20% lighter version of the original color is **38.6512, 42.4826, 68.4502**, and **5.8826, 6.6717, 14.6134** is the 20% darker color. If you saturate the color by 10%, you get **15.2480, 16.9765, 34.3718**, and if you desaturate by 10%, it is **19.8997, 21.9778, 35.0920**.

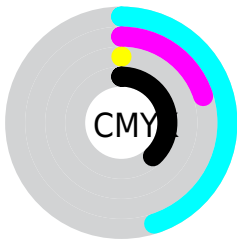
Distribution



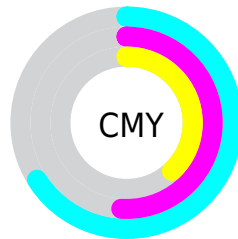
- Red (34%)
- Green (49%)
- Blue (62%)



- Red (34%)
- Yellow (44%)
- Blue (62%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3844, 19.3345, 34.7140 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 17.3844, 19.3345, 34.7140 by changing the saturation by 10% instead.

■ 17.3844, 19.3345,
34.7140

■ 17.3844, 19.3345,
34.7140

230.4912,
248.2892, 338.1700

■ 10.6059, 11.9122,
23.1609

■ 38.5239, 42.2986,
68.1890

■ 5.8678, 6.6839,
14.5059

■ 53.6156, 58.6091,
90.9480

■ 2.8048, 3.2652,
8.3306

■ 72.2091, 78.6513,
118.2793

■ 1.0514, 1.2717,
4.2164

■ 94.6698, 102.8094,
150.6015

■ 0.0000, 0.1192,
1.7448

■ 121.3630,
131.4678, 188.3331

■ 0.0000, 0.0000,
0.3912

152.6541,

■ 0.0000, 0.0000,

165.0110, 231.8927

0.0000

188.9084,
203.8234, 281.6988

■ 17.3844, 19.3345,
34.7140

■ 17.3844, 19.3345,
34.7140

■ 15.2480, 16.9765,
34.3718

■ 19.8997, 21.9778,
35.0920

■ 13.4663, 14.8885,
34.0627

■ 22.8123, 24.9163,
35.5057

■ 12.0152, 13.0564,
33.7855

■ 26.1415, 28.1622,
35.9567

■ 10.8663, 11.4638,
33.5387

■ 29.9048, 31.7261,
36.4463

■ 9.9834, 10.0901,
33.3201

■ 34.1185, 35.6181,
36.9754

■ 9.6129, 9.4884,
33.2235

■ 38.7984, 39.8476,
37.5451

■ 43.9590, 44.4238,
38.1564

■ 49.6146, 49.3556,
38.8103

■ 55.7785, 54.6512,
39.5076

Harmonies

Analogous

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



15.6485, 19.3345, 30.7152



17.3844, 19.3345, 34.7140



19.5249, 19.3345, 34.5920

Triad

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



17.3844, 19.3345, 34.7140



22.6398, 19.3345, 17.9919



15.5736, 19.3345, 13.8433

Complementary

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



17.3844, 19.3345, 34.7140



21.9460, 20.5630, 11.6170

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.



17.2748, 19.3345, 11.6060



17.3844, 19.3345, 34.7140



21.4053, 19.3345, 13.6633

Square

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



17.3844, 19.3345, 34.7140



22.6749, 19.3345, 24.0818



19.4064, 19.3345, 11.5472



14.6595, 19.3345, 18.2876

Rectangle

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



17.3844, 19.3345, 34.7140



20.8991, 19.3345, 32.1621



19.4064, 19.3345, 11.5472



16.0662, 19.3345, 12.8498

Sweetspot

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



17.3850, 19.3352, 34.7145



47.4239, 51.0180, 64.4747



19.0924, 27.3717, 21.0354



10.1548, 10.9567, 14.1500



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.



17.3850, 19.3352, 34.7145



27.3710, 30.4753, 61.5665



13.6424, 11.8500, 33.4669



6.5792, 7.0241, 8.4157



7.8447, 7.7809, 26.9956



0.1819, 0.2225, 0.4966

Inverse Universe

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



20.9988, 15.3306, 21.5918



34.8829, 23.2114, 34.0512



26.8563, 30.3836, 13.2538



6.7817, 6.7056, 7.7014



12.7578, 6.4077, 8.2417



0.2491, 0.1230, 0.2581

Previews

White Background



This preview shows how the XYZ color 17.3844, 19.3345, 34.7140 looks on a white background.

Color Contrast Check

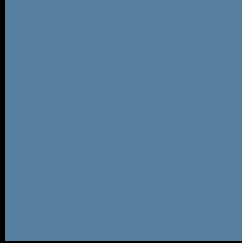
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.3844, 19.3345, 34.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

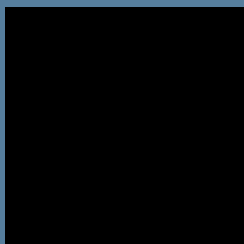
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

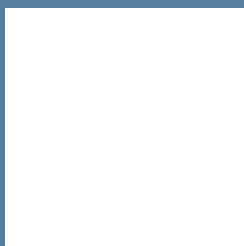
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3844, 19.3345, 34.7140

Background



This preview shows how black text looks on a background with the XYZ color 17.3844, 19.3345, 34.7140.

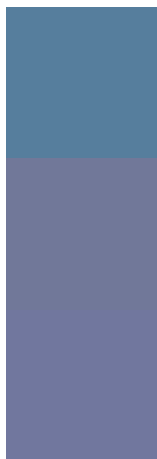


This preview shows how white text looks on a background with the XYZ color 17.3844, 19.3345,

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

17.3844, 19.3345, 34.7140

Protanopia

19.2763, 19.2436, 32.8354

Deuteranopia

19.5784, 19.1730, 35.0166



Tritanopia

15.9038, 19.3139, 27.3158

Trichromacy



Original Color

17.3844, 19.3345, 34.7140

Protanomaly

18.3858, 19.1357, 33.2964

Deuteranomaly

18.7246, 19.2713, 35.0806

Tritanomaly

16.4748, 19.3527, 30.0613

Monochromacy



Original Color

17.3844, 19.3345, 34.7140

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9461, 18.4049, 24.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3844, 19.3345, 34.7140 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(86, 126, 157) looks like.

```
.text, #text, p{  
    color:rgb(86, 126, 157)  
}
```

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(86, 126, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 126, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.3844, 19.3345, 34.7140 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(86, 126, 157) }
```


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

```
.border{ border-color:rgb(86, 126, 157) }
```

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

Here you see how a box with a 4 pixel rgb(86, 126, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 126, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 126, 157);  
box-shadow:4px 4px 4px 4px rgb(86, 126,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3844, 19.3345, 34.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 126, 157) }
```

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

```
.background{ background-color: rgb(86, 126,  
157) }
```

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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