

Converting Colors

XYZ(17.0723, 17.3756, 34.8880)

Have a look what the booklet for
XYZ(17.0723, 17.3756, 34.8880)
contains.

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Color

**XYZ(17.0330, 17.3391,
34.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	5E749E
RGB	94, 116, 158
RGB Percent	37%, 45%, 62%
CMY	0.6314, 0.5451, 0.3804
CMYK	0.41, 0.27, 0.00, 0.38
HSL	219°, 25%, 49%
HSV	219°, 41%, 62%
XYZ	17.0330, 17.3391, 34.7968
YIQ	114.2100, -26.5940, 8.3980

Conversions

Conversions Part 2

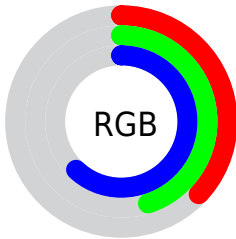
Format	Color
R_{YB}	94, 110, 158
Decimal	6190238
CIE _{Lab}	48.68, 3.08, -25.21
CIE _{LCh}	49, 25.401, 276.971
Yxy	17.3391, 0.2463, 0.2507
Android (android.graphics.Color)	4284380318 (0xFF5E749E)
YUV	114.2100, 21.5885, -17.7242
Hunter-Lab	41.6402, 0.1452, -20.3977

Details

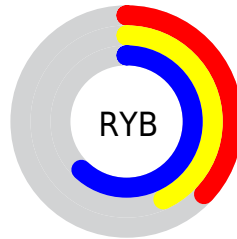
The XYZ color **17.0330, 17.3391, 34.7968** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.9254, 25.6859, 14.2343**, and the grayscale version is **16.0006, 16.8339, 18.3321**.

A 20% lighter version of the original color is **38.0455, 39.0124, 68.4757**, and **5.6649, 5.6884, 14.4351** is the 20% darker color. If you saturate the color by 10%, you get **14.4464, 14.3296, 34.3526**, and if you desaturate by 10%, it is **20.0858, 20.7877, 35.3019**.

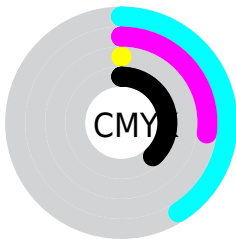
Distribution



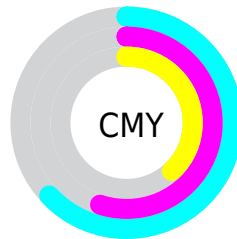
- Red (37%)
- Green (45%)
- Blue (62%)



- Red (37%)
- Yellow (43%)
- Blue (62%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0330, 17.3391, 34.7968 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 17.0330, 17.3391, 34.7968 by changing the saturation by 10% instead.

■ 17.0330, 17.3391,
34.7968

■ 17.0330, 17.3391,
34.7968

228.5150,
237.1190, 338.5475

■ 10.3535, 10.4766,
23.2241

■ 37.9257, 38.9079,
68.3189

■ 5.6980, 5.7161,
14.5522

■ 52.8695, 54.3829,
91.1053

■ 2.7012, 2.6732,
8.3626

■ 71.2988, 73.4976,
118.4667

■ 0.9978, 0.9636,
4.2368

■ 93.5789, 96.6363,
150.8216

■ 0.0000, 0.0000,
1.7561

120.0753,
124.1833, 188.5886

■ 0.0000, 0.0000,
0.3988

151.1532,

■ 0.0000, 0.0000,

156.5232, 232.1863

0.0000

187.1780,
194.0403, 282.0330

■ 17.0330, 17.3391,
34.7968

■ 17.0330, 17.3391,
34.7968

■ 14.4464, 14.3296,
34.3526

■ 20.0858, 20.7877,
35.3019

■ 12.2997, 11.7381,
33.9655

■ 23.6260, 24.6915,
35.8688

■ 10.5660, 9.5443,
33.6334

■ 27.6752, 29.0678,
36.5001

■ 9.2149, 7.7252,
33.3535

■ 32.2536, 33.9328,
37.1978

■ 8.2110, 6.2550,
33.1226

■ 37.3799, 39.3014,
37.9639

■ 7.5055, 5.1363,
32.9439

■ 43.0720, 45.1883,
38.8002

■ 49.3470, 51.6073,
39.7084

■ 56.2211, 58.5717,
40.6904

■ 63.7102, 66.0944,
41.7477

Harmonies

Analogous

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



14.7803, 17.3391, 33.4134



17.0330, 17.3391, 34.7968



19.3403, 17.3391, 31.1748

Triad

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



17.0330, 17.3391, 34.7968



20.3472, 17.3391, 12.1354



12.6728, 17.3391, 14.2692

Complementary

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



17.0330, 17.3391, 34.7968



24.9254, 25.6859, 14.2343

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.



13.9171, 17.3391, 10.3347



17.0330, 17.3391, 34.7968



18.3059, 17.3391, 9.3221

Square

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



17.0330, 17.3391, 34.7968



21.3678, 17.3391, 17.3567



15.9397, 17.3391, 8.7515



12.4015, 17.3391, 20.4885

Rectangle

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



17.0330, 17.3391, 34.7968



20.5524, 17.3391, 26.8197



15.9397, 17.3391, 8.7515



12.9851, 17.3391, 12.6848

Sweetspot

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



17.0336, 17.3398, 34.7972



48.9184, 51.3496, 66.0766



21.2589, 28.6000, 27.5441



10.8219, 11.3544, 14.8649



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.



17.0336, 17.3398, 34.7972



26.4707, 26.3018, 62.4250



15.8373, 13.3937, 34.0986



6.4619, 6.7895, 8.3766



6.0448, 4.1812, 26.3957



0.1455, 0.1495, 0.4844

Inverse Universe

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



21.2561, 16.5360, 18.5951



35.4363, 25.2707, 27.8721



26.5329, 31.5955, 15.2903



6.7225, 6.6819, 7.3897



11.8494, 6.0443, 3.4577



0.2307, 0.1156, 0.1612

Previews

White Background



This preview shows how the XYZ color 17.0330, 17.3391, 34.7968 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 17.0330, 17.3391, 34.7968 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

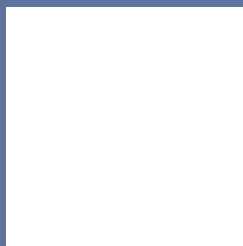
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0330, 17.3391, 34.7968

Background



This preview shows how black text looks on a background with the XYZ color 17.0330, 17.3391, 34.7968.

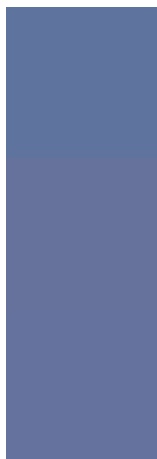


This preview shows how white text looks on a background with the XYZ color 17.0330, 17.3391,

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

17.0330, 17.3391, 34.7968

Protanopia

17.6116, 17.3185, 33.8671

Deuteranopia

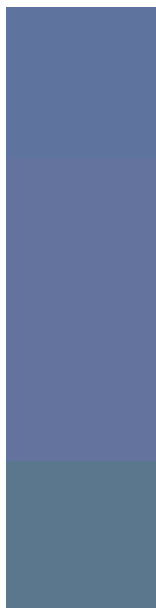
17.6684, 17.3280, 34.7612



Tritanopia

14.8646, 17.3397, 24.0362

Trichromacy



Original Color

17.0330, 17.3391, 34.7968

Protanomaly

17.4721, 17.4051, 34.3369

Deuteranomaly

17.4479, 17.3827, 34.7834

Tritanomaly

15.6210, 17.2904, 27.7134

Monochromacy



Original Color

17.0330, 17.3391, 34.7968

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2234, 16.9990, 23.5452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0330, 17.3391, 34.7968 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(94, 116, 158) looks like.

```
.text, #text, p{  
    color:rgb(94, 116, 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(94, 116, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 116, 158) }
```

Border

The CSS property to change the border of an element to XYZ 17.0330, 17.3391, 34.7968 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(94, 116, 158) }
```


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

```
.border{ border-color:rgb(94, 116, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 116, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 116, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 116, 158);  
box-shadow:4px 4px 4px 4px rgb(94, 116,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0330, 17.3391, 34.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 116, 158) }
```

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

```
.background{ background-color: rgb(94, 116,  
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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