

Converting Colors

XYZ(17.3829, 17.5941, 41.5521)

Have a look what the booklet for
XYZ(17.3829, 17.5941, 41.5521)
contains.

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Color

**XYZ(17.3750, 17.5401,
41.4996)**

Conversions

Conversions Part 1

Format	Color
Hex	5375AC
RGB	83, 117, 172
RGB Percent	33%, 46%, 67%
CMY	0.6745, 0.5412, 0.3255
CMYK	0.52, 0.32, 0.00, 0.33
HSL	217°, 35%, 50%
HSV	217°, 52%, 67%
XYZ	17.3750, 17.5401, 41.4996
YIQ	113.1040, -37.9190, 9.8970

Conversions

Conversions Part 2

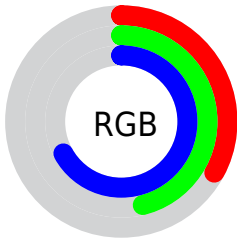
Format	Color
R_{YB}	83, 108, 172
Decimal	5469612
CIE _{Lab}	48.93, 3.88, -33.05
CIE _{LCh}	49, 33.281, 276.701
Yxy	17.5401, 0.2274, 0.2295
Android (android.graphics.Color)	4283659692 (0xFF5375AC)
YUV	113.1040, 29.0357, -26.4012
Hunter-Lab	41.8809, 0.7622, -29.4336

Details

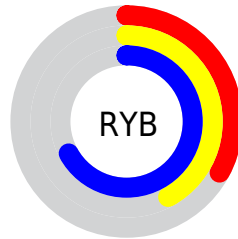
The XYZ color **17.3750, 17.5401, 41.4996** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **27.6640, 27.5735, 12.0488**, and the grayscale version is **15.6521, 16.4672, 17.9328**.

A 20% lighter version of the original color is **38.5081, 39.2957, 78.9540**, and **5.8346, 5.7823, 18.2614** is the 20% darker color. If you saturate the color by 10%, you get **14.8725, 14.5149, 41.0479**, and if you desaturate by 10%, it is **20.3958, 21.0419, 42.0166**.

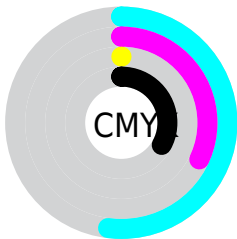
Distribution



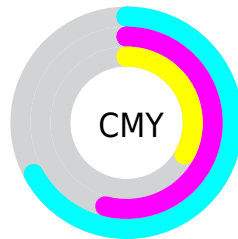
- Red (33%)
- Green (46%)
- Blue (67%)



- Red (33%)
- Yellow (42%)
- Blue (67%)



- Cyan (52%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3750, 17.5401, 41.4996 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 17.3750, 17.5401, 41.4996 by changing the saturation by 10% instead.

■ 17.3750, 17.5401,
41.4996

■ 17.3750, 17.5401,
41.4996

230.4386,
238.2659, 368.1427

■ 10.5992, 10.6203,
28.3870

■ 38.5079, 39.2521,
78.7036

■ 5.8633, 5.8121,
18.3760

■ 53.5957, 54.8131,
103.6321

■ 2.8020, 2.7312,
11.0481

■ 72.1849, 74.0233,
133.3364

■ 1.0499, 0.9931,
5.9846

■ 94.6407, 97.2670,
168.2350

■ 0.0000, 0.0000,
2.7671

121.3287,
124.9288, 208.7463

■ 0.0000, 0.0000,
0.9770

152.6141,

■ 0.0000, 0.0000,

157.3929, 255.2890

0.0000

188.8623,
195.0438, 308.2816

■ 17.3750, 17.5401,
41.4996

■ 17.3750, 17.5401,
41.4996

■ 14.8725, 14.5149,
41.0479

■ 20.3958, 21.0419,
42.0166

■ 12.8535, 11.9405,
40.6574

■ 23.9631, 25.0405,
42.6004

■ 11.2812, 9.7910,
40.3254

■ 28.1048, 29.5570,
43.2539

■ 10.1119, 8.0359,
40.0483

■ 32.8467, 34.6107,
43.9794

■ 9.3775, 6.8406,
39.8562

■ 38.2126, 40.2197,
44.7793

■ 44.2251, 46.4014,
45.6556

■ 50.9057, 53.1722,
46.6104

■ 58.2748, 60.5480,
47.6456

■ 66.3519, 68.5438,
48.7633

Harmonies

Analogous

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



14.4280, 17.5401, 39.4012



17.3750, 17.5401, 41.4996



20.4842, 17.5401, 36.2671

Triad

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



17.3750, 17.5401, 41.4996



21.9085, 17.5401, 10.6204



11.7840, 17.5401, 13.1226

Complementary

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



17.3750, 17.5401, 41.4996



27.6640, 27.5735, 12.0488

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.



13.3637, 17.5401, 8.4387



17.3750, 17.5401, 41.4996



19.1359, 17.5401, 7.3374

Square

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



17.3750, 17.5401, 41.4996



23.3028, 17.5401, 17.1788



15.9869, 17.5401, 6.6852



11.4349, 17.5401, 21.1555

Rectangle

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



17.3750, 17.5401, 41.4996



22.1524, 17.5401, 30.0579



15.9869, 17.5401, 6.6852



12.1783, 17.5401, 11.1906

Sweetspot

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



17.3756, 17.5407, 41.5000



55.5405, 58.4984, 79.1698



22.8996, 33.1762, 29.1981



11.7028, 12.3210, 17.1491



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.3756, 17.5407, 41.5000



26.4287, 25.6451, 74.3628



15.0936, 11.5133, 40.4569



7.8203, 8.2400, 10.1310



7.0279, 5.1897, 29.6758



0.2493, 0.2520, 0.8435

Inverse Universe

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



23.3180, 16.2424, 18.7362



38.7524, 24.2983, 26.8517



31.1370, 37.7714, 13.8341



8.1271, 8.0641, 8.9802



13.4110, 6.8269, 4.5438



0.4002, 0.2008, 0.2694

Previews

White Background



This preview shows how the XYZ color 17.3750, 17.5401, 41.4996 looks on a white background.

Color Contrast Check

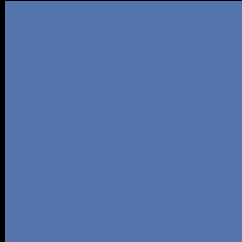
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3750, 17.5401, 41.4996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

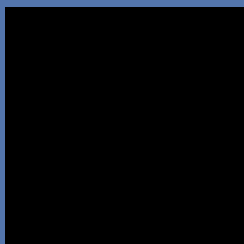
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

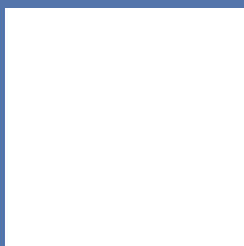
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3750, 17.5401, 41.4996

Background



This preview shows how black text looks on a background with the XYZ color 17.3750, 17.5401, 41.4996.

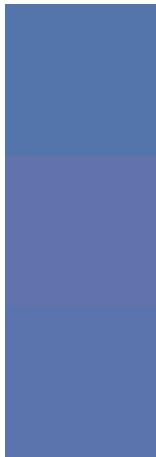


This preview shows how white text looks on a background with the XYZ color 17.3750, 17.5401,

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

17.3750, 17.5401, 41.4996

Protanopia

18.3100, 17.5336, 40.4495

Deuteranopia

17.8915, 17.4642, 41.4577



Tritanopia

14.0365, 17.4386, 25.1804

Trichromacy



Original Color

17.3750, 17.5401, 41.4996

Protanomaly

17.9956, 17.5289, 40.9630

Deuteranomaly

17.7163, 17.5440, 41.4823

Tritanomaly

15.0843, 17.3087, 30.5629

Monochromacy



Original Color

17.3750, 17.5401, 41.4996

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7999, 16.5806, 24.9219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3750, 17.5401, 41.4996 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(83, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(83, 117, 172)  
}
```

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(83, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 117, 172) }
```

Border

The CSS property to change the border of an element to XYZ 17.3750, 17.5401, 41.4996 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(83, 117, 172) }
```


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

```
.border{ border-color:rgb(83, 117, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 117, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(83, 117,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3750, 17.5401, 41.4996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 117, 172) }
```

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

```
.background{ background-color: rgb(83, 117,  
172) }
```

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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