

Converting Colors

XYZ(17.4832, 17.6220, 39.1814)

Have a look what the booklet for
XYZ(17.4832, 17.6220, 39.1814)
contains.

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Color

**XYZ(17.4562, 17.6364,
39.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	5975A7
RGB	89, 117, 167
RGB Percent	35%, 46%, 65%
CMY	0.6510, 0.5412, 0.3451
CMYK	0.47, 0.30, 0.00, 0.35
HSL	218°, 31%, 50%
HSV	218°, 47%, 65%
XYZ	17.4562, 17.6364, 39.0434
YIQ	114.3280, -32.7380, 9.6140

Conversions

Conversions Part 2

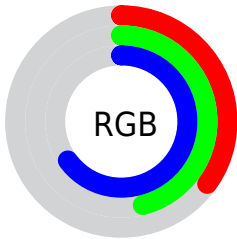
Format	Color
R_{YB}	89, 110, 167
Decimal	5862823
CIE Lab	49.05, 3.81, -29.93
CIE LCh	49, 30.172, 277.262
Yxy	17.6364, 0.2355, 0.2379
Android (android.graphics.Color)	4284052903 (0xFF5975A7)
YUV	114.3280, 25.9673, -22.2127
Hunter-Lab	41.9957, 0.7039, -25.7249

Details

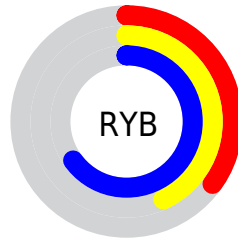
The XYZ color **17.4562, 17.6364, 39.0434** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **26.9730, 27.4032, 13.3198**, and the grayscale version is **16.0247, 16.8592, 18.3597**.

A 20% lighter version of the original color is **38.7005, 39.4895, 74.6897**, and **5.9158, 5.8514, 17.0373** is the 20% darker color. If you saturate the color by 10%, you get **14.8549, 14.5487, 38.5848**, and if you desaturate by 10%, it is **20.5649, 21.1982, 39.5674**.

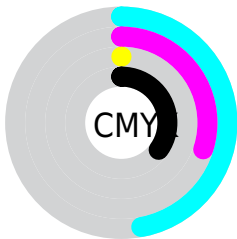
Distribution



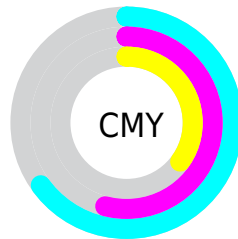
- Red (35%)
- Green (46%)
- Blue (65%)



- Red (35%)
- Yellow (43%)
- Blue (65%)



- Cyan (47%)
- Magenta (30%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (54%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4562, 17.6364, 39.0434 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 17.4562, 17.6364, 39.0434 by changing the saturation by 10% instead.

■ 17.4562, 17.6364,
39.0434

■ 17.4562, 17.6364,
39.0434

230.8931,
238.8136, 357.5064

■ 10.6576, 10.6893,
26.4854

■ 38.6459, 39.4168,
74.9257

■ 5.9027, 5.8583,
16.9581

■ 53.7677, 55.0188,
99.0871

■ 2.8261, 2.7591,
10.0430

■ 72.3946, 74.2746,
127.9533

■ 1.0625, 1.0073,
5.3215

■ 94.8919, 97.5685,
161.9429

■ 0.0000, 0.0000,
2.3751

121.6251,
125.2850, 201.4745

■ 0.0000, 0.0000,
0.7728

152.9595,

■ 0.0000, 0.0000,

157.8084, 246.9666

0.0000

189.2604,
195.5231, 298.8378

■ 17.4562, 17.6364,
39.0434

■ 17.4562, 17.6364,
39.0434

■ 14.8549, 14.5487,
38.5848

■ 20.5649, 21.1982,
39.5674

■ 12.7296, 11.9107,
38.1877

■ 24.2063, 25.2528,
40.1581

■ 11.0477, 9.6984,
37.8493

■ 28.4062, 29.8203,
40.8183

■ 9.7713, 7.8845,
37.5665

■ 33.1879, 34.9189,
41.5505

■ 8.8479, 6.4333,
37.3350

■ 38.5734, 40.5661,
42.3566

■ 8.5882, 6.0161,
37.2682

■ 44.5838, 46.7782,
43.2389

■ 51.2387, 53.5711,
44.1993

■ 58.5572, 60.9599,
45.2398

■ 66.5574, 68.9591,
46.3621

Harmonies

Analogous

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



14.7571, 17.6364, 37.3354



17.4562, 17.6364, 39.0434



20.2572, 17.6364, 34.3663

Triad

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



17.4562, 17.6364, 39.0434



21.4489, 17.6364, 11.2653



12.2511, 17.6364, 13.8142

Complementary

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



17.4562, 17.6364, 39.0434



26.9730, 27.4032, 13.3198

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.



13.6954, 17.6364, 9.3212



17.4562, 17.6364, 39.0434



18.9426, 17.6364, 8.1629

Square

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



17.4562, 17.6364, 39.0434



22.7241, 17.6364, 17.3100



16.0881, 17.6364, 7.5674



11.9476, 17.6364, 21.2293

Rectangle

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



17.4562, 17.6364, 39.0434



21.7389, 17.6364, 28.8625



16.0881, 17.6364, 7.5674



12.6107, 17.6364, 11.9821

Sweetspot

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



17.4568, 17.6370, 39.0438



52.8740, 55.5544, 73.4116



22.5557, 31.6084, 29.1099



11.4505, 12.0223, 16.3692



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.4568, 17.6370, 39.0438



26.4737, 25.8974, 69.0787



15.7377, 12.6110, 38.1643



7.3440, 7.7249, 9.5223



6.6146, 4.6893, 28.5320



0.2093, 0.2109, 0.7103

Inverse Universe

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



22.7202, 16.6454, 18.8455



37.3225, 24.8270, 27.2281



29.4492, 35.4871, 14.7497



7.6382, 7.5851, 8.4121



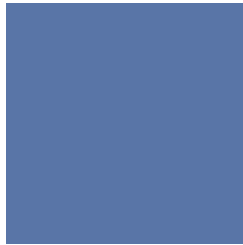
12.8393, 6.5444, 3.9655



0.3368, 0.1690, 0.2251

Previews

White Background



This preview shows how the XYZ color 17.4562, 17.6364, 39.0434 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 17.4562, 17.6364, 39.0434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

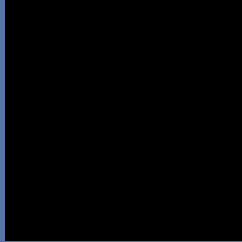
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

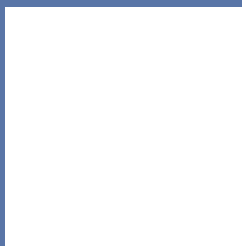
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4562, 17.6364, 39.0434

Background



This preview shows how black text looks on a background with the XYZ color 17.4562, 17.6364, 39.0434.

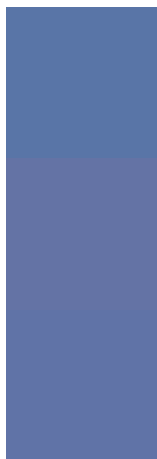


This preview shows how white text looks on a background with the XYZ color 17.4562, 17.6364,

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

17.4562, 17.6364, 39.0434

Protanopia

18.1778, 17.6874, 38.0532

Deuteranopia

17.9297, 17.5383, 38.9994



Tritanopia

14.5410, 17.5216, 24.8059

Trichromacy



Original Color

17.4562, 17.6364, 39.0434

Protanomaly

17.9522, 17.7308, 38.5526

Deuteranomaly

17.7346, 17.6080, 39.0232

Tritanomaly

15.5155, 17.5581, 29.3594

Monochromacy



Original Color

17.4562, 17.6364, 39.0434

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1901, 16.9582, 24.6102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4562, 17.6364, 39.0434 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(89, 117, 167)` looks like.

```
.text, #text, p{  
    color:rgb(89, 117, 167)  
}
```

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(89, 117, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 117, 167) }
```

Border

The CSS property to change the border of an element to XYZ 17.4562, 17.6364, 39.0434 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(89, 117, 167) }
```


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

```
.border{ border-color:rgb(89, 117, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 117, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 117, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 117, 167);  
box-shadow:4px 4px 4px 4px rgb(89, 117,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4562, 17.6364, 39.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 117, 167) }
```

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

```
.background{ background-color: rgb(89, 117,  
167) }
```

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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