

Converting Colors

XYZ(8.6525, 9.9130, 17.4388)

Have a look what the booklet for
XYZ(8.6525, 9.9130, 17.4388)
contains.

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Color

**XYZ(8.6390, 9.9135,
17.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	395D72
RGB	57, 93, 114
RGB Percent	22%, 36%, 45%
CMY	0.7765, 0.6353, 0.5529
CMYK	0.50, 0.18, 0.00, 0.55
HSL	202°, 33%, 34%
HSV	202°, 50%, 45%
XYZ	8.6390, 9.9135, 17.3778
YIQ	84.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

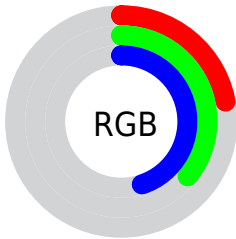
Format	Color
RYB	57, 79, 114
Decimal	3759474
CIELab	37.69, -6.60, -15.92
CIElCh	38, 17.237, 247.485
Yxy	9.9135, 0.2404, 0.2759
Android (android.graphics.Color)	4281949554 (0xFF395D72)
YUV	84.6300, 14.4794, -24.2315
Hunter-Lab	31.4857, -6.1234, -10.6837

Details

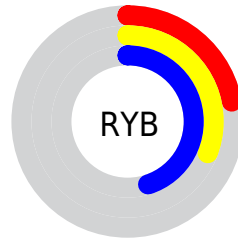
The XYZ color **8.6390, 9.9135, 17.3778** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.4027, 9.3220, 5.1223**, and the grayscale version is **8.5327, 8.9771, 9.7761**.

A 20% lighter version of the original color is **22.8897, 25.5862, 39.8086**, and **2.0249, 2.4393, 5.5184** is the 20% darker color. If you saturate the color by 10%, you get **7.7021, 8.8984, 17.2314**, and if you desaturate by 10%, it is **9.7428, 11.0451, 17.5382**.

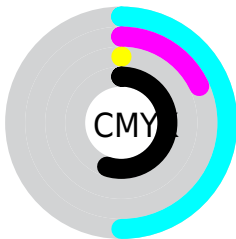
Distribution



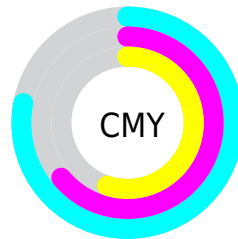
- Red (22%)
- Green (36%)
- Blue (45%)



- Red (22%)
- Yellow (31%)
- Blue (45%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (78%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6390, 9.9135, 17.3778 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 8.6390, 9.9135, 17.3778 by changing the saturation by 10% instead.

8.6390, 9.9135,
17.3778

8.6390, 9.9135,
17.3778

174.9262,
190.0536, 249.4575

4.5617, 5.3416,
10.3394

22.8756, 25.6327,
39.7737

2.0245, 2.4491,
5.5160

33.7655, 37.5488,
55.9684

0.6477, 0.8510,
2.4891

47.6571, 52.6818,
76.0521

0.0000, 0.0000,
0.8344

64.9156, 71.4160,
100.4436

0.0000, 0.0000,
0.0000

85.9064, 94.1359,
129.5614

110.9949,

121.2259, 163.8239

140.5464,
153.0703, 203.6497

■ 8.6390, 9.9135,
17.3778

■ 8.6390, 9.9135,
17.3778

■ 7.7021, 8.8984,
17.2314

■ 9.7428, 11.0451,
17.5382

■ 6.9209, 7.9929,
17.0978

■ 11.0218, 12.2974,
17.7125

■ 6.2843, 7.1911,
16.9766

■ 12.4848, 13.6756,
17.9014

■ 5.7791, 6.4856,
16.8671

■ 14.1400, 15.1842,
18.1054

■ 5.3548, 5.8499,
16.7667

■ 15.9947, 16.8276,
18.3248

■ 5.3547, 5.8497,
16.7667

■ 18.0560, 18.6098,
18.5602

■ 20.3306, 20.5346,
18.8118

■ 22.8249, 22.6059,
19.0802

■ 25.5451, 24.8271,
19.3655

Harmonies

Analogous

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



7.8485, 9.9135, 14.8953



8.6390, 9.9135, 17.3778



9.6994, 9.9135, 17.9446

Triad

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



8.6390, 9.9135, 17.3778



11.6680, 9.9135, 10.0275



8.1984, 9.9135, 6.6814

Complementary

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



8.6390, 9.9135, 17.3778



10.4027, 9.3220, 5.1223

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.



9.1509, 9.9135, 5.8513



8.6390, 9.9135, 17.3778



11.1940, 9.9135, 7.5246

Square

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



8.6390, 9.9135, 17.3778



11.5044, 9.9135, 13.2718



10.2520, 9.9135, 6.1269



7.6082, 9.9135, 8.6458

Rectangle

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



8.6390, 9.9135, 17.3778



10.4280, 9.9135, 17.0760



10.2520, 9.9135, 6.1269



8.4838, 9.9135, 6.2797

Sweetspot

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



8.6393, 9.9139, 17.3780



23.2378, 25.2253, 31.6197



9.0766, 13.4534, 9.3077



5.2676, 5.7363, 7.2993



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



8.6393, 9.9139, 17.3780



13.3048, 15.3783, 30.2426



6.5924, 5.8200, 16.6957



3.3767, 3.6186, 4.2747



5.9445, 6.4794, 18.6589



28.7683, 30.5884, 92.6670

Inverse Universe

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



10.3787, 7.2944, 11.2173



16.8733, 10.6735, 17.4529



12.8736, 14.2638, 5.9460



3.4648, 3.4336, 3.9743



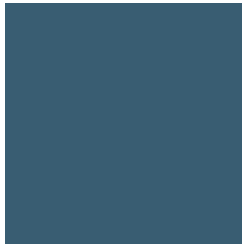
9.0189, 4.4999, 7.1752



44.5009, 22.2457, 33.4994

Previews

White Background



This preview shows how the XYZ color 8.6390, 9.9135, 17.3778 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 ✓ Pass

Black Background



This preview shows how the XYZ color 8.6390, 9.9135, 17.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

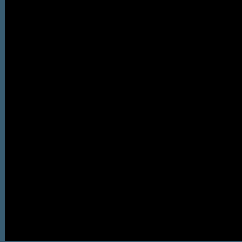
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.6390, 9.9135, 17.3778

Background



This preview shows how black text looks on a background with the XYZ color 8.6390, 9.9135, 17.3778.

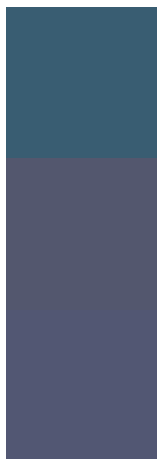


This preview shows how white text looks on a background with the XYZ color 8.6390, 9.9135,

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

8.6390, 9.9135, 17.3778

Protanopia

9.7899, 9.7812, 16.1238

Deuteranopia

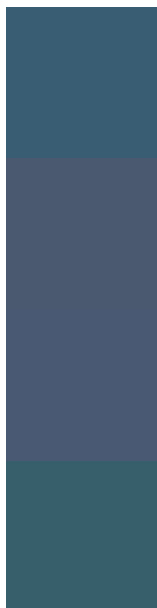
9.9824, 9.8480, 17.5944



Tritanopia

8.0086, 9.9206, 14.3247

Trichromacy



Original Color

8.6390, 9.9135, 17.3778

Protanomaly

9.2657, 9.7483, 16.4322

Deuteranomaly

9.4145, 9.7990, 17.6149

Tritanomaly

8.1779, 9.8512, 15.3804

Monochromacy



Original Color

8.6390, 9.9135, 17.3778

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.5027, 9.3198, 12.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6390, 9.9135, 17.3778 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(57, 93, 114)` looks like.

```
.text, #text, p{  
    color:rgb(57, 93, 114)  
}
```

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(57, 93, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 93, 114) }
```

Border

The CSS property to change the border of an element to XYZ 8.6390, 9.9135, 17.3778 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(57, 93, 114) }
```


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

```
.border{ border-color:rgb(57, 93, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 93, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 93, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 93, 114);  
box-shadow:4px 4px 4px 4px rgb(57, 93,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6390, 9.9135, 17.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 93, 114) }
```

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

```
.background{ background-color: rgb(57, 93,  
114) }
```

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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