

Converting Colors

XYZ(17.3460, 22.1209, 35.2554)

Have a look what the booklet for
XYZ(17.3460, 22.1209, 35.2554)
contains.

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Color

**XYZ(17.3884, 22.1826,
35.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	3D8C9D
RGB	61, 140, 157
RGB Percent	24%, 55%, 62%
CMY	0.7608, 0.4510, 0.3843
CMYK	0.61, 0.11, 0.00, 0.38
HSL	191°, 44%, 43%
HSV	191°, 61%, 62%
XYZ	17.3884, 22.1826, 35.2635
YIQ	118.3170, -52.5410, -11.4610

Conversions

Conversions Part 2

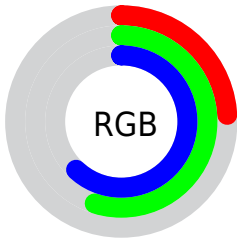
Format	Color
RYB	61, 104, 157
Decimal	4033693
CIELab	54.22, -18.83, -16.28
CIELCh	54, 24.891, 220.840
Yxy	22.1826, 0.2324, 0.2964
Android (android.graphics.Color)	4282223773 (0xFF3D8C9D)
YUV	118.3170, 19.0707, -50.2670
Hunter-Lab	47.0984, -16.5213, -11.4227

Details

The XYZ color **17.3884, 22.1826, 35.2635** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4720, 12.9546, 5.9953**, and the grayscale version is **17.2739, 18.1735, 19.7909**.

A 20% lighter version of the original color is **38.6467, 47.1886, 69.3588**, and **6.2577, 8.3529, 14.9181** is the 20% darker color. If you saturate the color by 10%, you get **16.1588, 20.9537, 35.0915**, and if you desaturate by 10%, it is **18.9126, 23.5795, 35.4532**.

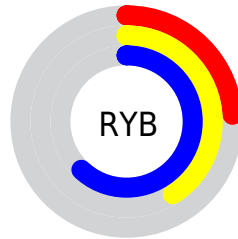
Distribution



Red (24%)

Green (55%)

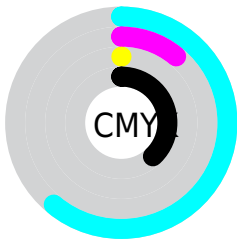
Blue (62%)



Red (24%)

Yellow (41%)

Blue (62%)

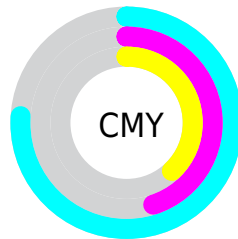


Cyan (61%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (76%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3884, 22.1826, 35.2635 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 17.3884, 22.1826, 35.2635 by changing the saturation by 10% instead.

■ 17.3884, 22.1826,
35.2635

■ 17.3884, 22.1826,
35.2635

■ 230.5136,
263.4984, 340.6694

■ 10.6088, 13.9911,
23.5807

■ 38.5307, 47.0476,
69.0500

■ 5.8698, 8.1145,
14.8136

■ 53.6241, 64.4899,
91.9908

■ 2.8060, 4.1683,
8.5435

■ 72.2195, 85.7847,
119.5213

■ 1.0520, 1.7681,
4.3519

■ 94.6822, 111.3162,
152.0602

■ 0.0000, 0.4672,
1.8203

■ 121.3776,
141.4690, 190.0259

■ 0.0000, 0.0000,
0.4413

152.6711,

■ 0.0000, 0.0000,

176.6273, 233.8369

0.0000

188.9280,
217.1757, 283.9119

■ 17.3884, 22.1826,
35.2635

■ 17.3884, 22.1826,
35.2635

■ 16.1588, 20.9537,
35.0915

■ 18.9126, 23.5795,
35.4532

■ 15.1962, 19.8771,
34.9344

■ 20.7518, 25.1538,
35.6601

■ 14.4710, 18.9379,
34.7914

■ 22.9269, 26.9166,
35.8858

■ 13.9624, 18.1874,
34.6733

■ 25.4565, 28.8778,
36.1310

■ 28.3577, 31.0462,
36.3966

■ 31.6465, 33.4302,
36.6834

■ 35.3381, 36.0377,
36.9922

■ 39.4465, 38.8761,
37.3235

■ 43.9855, 41.9525,
37.6781

Harmonies

Analogous

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



16.3766, 22.1826, 27.0644



17.3884, 22.1826, 35.2635



19.4223, 22.1826, 41.1347

Triad

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



17.3884, 22.1826, 35.2635



26.3890, 22.1826, 29.3798



20.1207, 22.1826, 12.2773

Complementary

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



17.3884, 22.1826, 35.2635



17.4720, 12.9546, 5.9953

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.



22.8376, 22.1826, 12.6371



17.3884, 22.1826, 35.2635



26.6165, 22.1826, 21.4584

Square

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



17.3884, 22.1826, 35.2635



24.6717, 22.1826, 37.2672



25.2691, 22.1826, 15.6622



17.8619, 22.1826, 14.5449

Rectangle

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



17.3884, 22.1826, 35.2635



21.1602, 22.1826, 42.3205



25.2691, 22.1826, 15.6622



21.0077, 22.1826, 12.1098

Sweetspot

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



17.3891, 22.1834, 35.2640



46.9741, 52.7645, 64.8355



15.3217, 25.6424, 11.1641



10.0397, 11.3860, 14.2389



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.



17.3891, 22.1834, 35.2640



28.3257, 36.8676, 62.7500



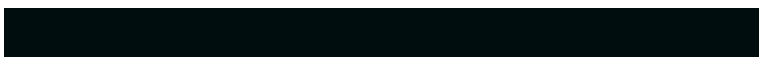
11.9254, 11.2561, 33.4428



6.7219, 7.3095, 8.4633



11.3640, 14.8196, 28.1688



0.2271, 0.3128, 0.5116

Inverse Universe

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



20.3076, 12.3998, 26.1348



34.2705, 18.7768, 43.7426



22.0812, 22.1731, 7.5317



6.8537, 6.7344, 8.0808



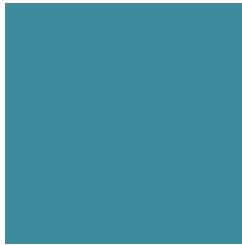
14.5342, 7.1183, 17.5961



0.2720, 0.1321, 0.3782

Previews

White Background



This preview shows how the XYZ color 17.3884, 22.1826, 35.2635 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 17.3884, 22.1826, 35.2635 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 17.3884, 22.1826, 35.2635

Background



This preview shows how black text looks on a background with the XYZ color 17.3884, 22.1826, 35.2635.

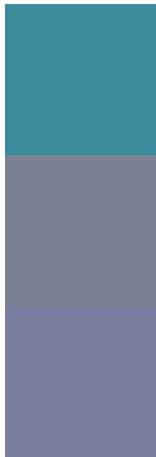


This preview shows how white text looks on a background with the XYZ color 17.3884, 22.1826,

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

17.3884, 22.1826, 35.2635

Protanopia

21.6014, 21.9682, 31.5355

Deuteranopia

22.4102, 21.8954, 36.3028



Tritanopia

16.9960, 22.2466, 33.1040

Trichromacy



Original Color

17.3884, 22.1826, 35.2635

Protanomaly

19.3982, 21.5943, 32.8515

Deuteranomaly

19.8538, 21.5606, 35.9161

Tritanomaly

17.2211, 22.3435, 33.9769

Monochromacy



Original Color

17.3884, 22.1826, 35.2635

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.5555, 19.1290, 24.6495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3884, 22.1826, 35.2635 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(61, 140, 157)` looks like.

```
.text, #text, p{  
    color:rgb(61, 140, 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(61, 140, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 140, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.3884, 22.1826, 35.2635 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(61, 140, 157) }
```


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

```
.border{ border-color:rgb(61, 140, 157) }
```

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

Here you see how a box with a 4 pixel rgb(61, 140, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 140, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 140, 157);  
box-shadow:4px 4px 4px 4px rgb(61, 140,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3884, 22.1826, 35.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 140, 157) }
```

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

```
.background{ background-color: rgb(61, 140,  
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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