

Converting Colors

XYZ(28.2921, 35.3238, 43.9476)

Have a look what the booklet for
XYZ(28.2921, 35.3238, 43.9476)
contains.

XYZ(28.3440, 35.3811, 43.8634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3440, 35.3811,
43.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	6EABAB
RGB	110, 171, 171
RGB Percent	43%, 67%, 67%
CMY	0.5686, 0.3294, 0.3294
CMYK	0.36, 0.00, 0.00, 0.33
HSL	180°, 27%, 55%
HSV	180°, 36%, 67%
XYZ	28.3440, 35.3811, 43.8634
YIQ	152.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

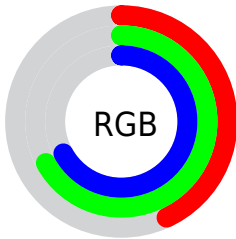
Format	Color
RYB	110, 141, 171
Decimal	7252907
CIELab	66.04, -19.59, -6.25
CIELCh	66, 20.564, 197.707
Yxy	35.3811, 0.2634, 0.3289
Android (android.graphics.Color)	4285442987 (0xFF6EABAB)
YUV	152.7610, 8.9918, -37.5014
Hunter-Lab	59.4820, -19.0358, -2.0844

Details

The XYZ color **28.3440, 35.3811, 43.8634** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1862, 20.9366, 17.4669**, and the grayscale version is **30.1487, 31.7188, 34.5418**.

A 20% lighter version of the original color is **56.2337, 67.7762, 82.0698**, and **11.6139, 15.3954, 19.8123** is the 20% darker color. If you saturate the color by 10%, you get **26.4186, 34.3894, 43.7738**, and if you desaturate by 10%, it is **30.6821, 36.5873, 43.9739**.

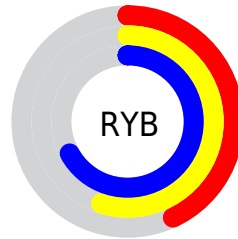
Distribution



Red (43%)

Green (67%)

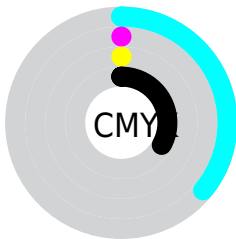
Blue (67%)



Red (43%)

Yellow (55%)

Blue (67%)

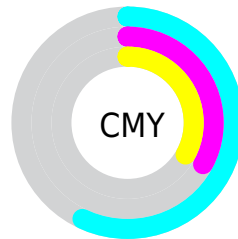


Cyan (36%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3440, 35.3811, 43.8634 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 28.3440, 35.3811, 43.8634 by changing the saturation by 10% instead.

■ 28.3440, 35.3811,
43.8634

■ 28.3440, 35.3811,
43.8634

286.1574,
326.2473, 378.1756

■ 18.7269, 23.9566,
30.2267

■ 56.4380, 68.0757,
82.3124

■ 11.5759, 15.3014,
19.7572

■ 75.6456, 90.1146,
107.9619

■ 6.5258, 9.0312,
12.0364

■ 98.7808, 116.4605,
138.4527

■ 3.2110, 4.7615,
6.6456

■ 126.2089,
147.4976, 174.2033

■ 1.2663, 2.1080,
3.1664

158.2952,
183.6105, 215.6324

■ 0.1578, 0.6691,
1.1802

195.4052,

■ 0.0000, 0.0000,

225.1835, 263.1585

0.0000

237.9041,
272.6009, 317.2000

■ 28.3440, 35.3811,
43.8634

■ 28.3440, 35.3811,
43.8634

■ 26.4186, 34.3894,
43.7738

■ 30.6821, 36.5873,
43.9739

■ 24.8790, 33.5957,
43.7014

■ 33.4516, 38.0150,
44.1038

■ 23.7001, 32.9880,
43.6460

■ 36.6737, 39.6761,
44.2548

■ 22.8527, 32.5511,
43.6061

■ 40.3674, 41.5803,
44.4280

■ 22.3027, 32.2676,
43.5800

■ 44.5508, 43.7368,
44.6240

■ 22.0066, 32.1150,
43.5659

■ 49.2406, 46.1545,
44.8438

■ 21.9140, 32.0672,
43.5614

■ 54.4532, 48.8417,
45.0880

■ 60.2038, 51.8063,
45.3574

■ 63.1548, 53.3275,
45.4958

Harmonies

Analogous

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



28.2162, 35.3811, 35.0565



28.3440, 35.3811, 43.8634



29.8335, 35.3811, 52.3364

Triad

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



28.3440, 35.3811, 43.8634



38.1575, 35.3811, 50.9718



34.8932, 35.3811, 24.3294

Complementary

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



28.3440, 35.3811, 43.8634



25.1862, 20.9366, 17.4669

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.



37.7328, 35.3811, 27.3845



28.3440, 35.3811, 43.8634



39.6925, 35.3811, 42.2129

Square

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



28.3440, 35.3811, 43.8634



35.4447, 35.3811, 56.8480



39.5325, 35.3811, 33.6365



31.8757, 35.3811, 24.6330

Rectangle

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



28.3440, 35.3811, 43.8634



31.4520, 35.3811, 56.2541



39.5325, 35.3811, 33.6365



35.9035, 35.3811, 24.9759

Sweetspot

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



28.3450, 35.3825, 43.8642



62.3891, 69.3594, 79.1008



23.9361, 33.6336, 19.9830



13.7475, 15.3821, 17.6320



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.



28.3450, 35.3825, 43.8642



47.9171, 61.8989, 78.4218



23.3834, 25.4589, 42.2113



8.2364, 9.0721, 10.2696



16.5192, 24.1730, 32.8376



0.4596, 0.6725, 0.9135

Inverse Universe

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



25.1862, 20.9366, 17.4669



41.3929, 32.0623, 23.9009



28.9131, 28.3905, 18.7086



8.0053, 8.0154, 8.3386



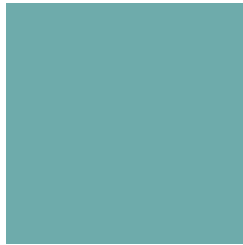
12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 28.3440, 35.3811, 43.8634 looks on a white 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

Black Background



This preview shows how the XYZ color 28.3440, 35.3811, 43.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

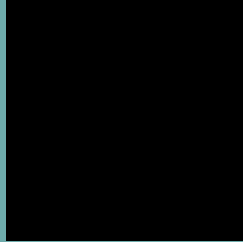
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.3440, 35.3811, 43.8634

Background



This preview shows how black text looks on a background with the XYZ color 28.3440, 35.3811, 43.8634.

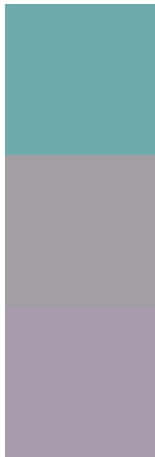


This preview shows how white text looks on a background with the XYZ color 28.3440, 35.3811,

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

28.3440, 35.3811, 43.8634

Protanopia

33.7969, 35.0537, 40.1067

Deuteranopia

35.7235, 34.9337, 44.9044



Tritanopia

29.5453, 35.3055, 50.0572

Trichromacy



Original Color

28.3440, 35.3811, 43.8634

Protanomaly

31.2276, 34.7352, 41.6179

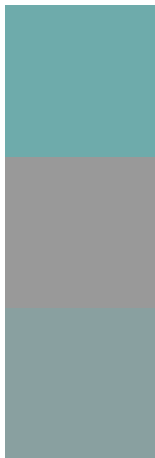
Deuteranomaly

32.5004, 34.8028, 44.5398

Tritanomaly

29.1935, 35.4489, 47.9515

Monochromacy



Original Color

28.3440, 35.3811, 43.8634

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.2325, 32.9980, 38.0862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3440, 35.3811, 43.8634 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(110, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(110, 171, 171)  
}
```

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(110, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.3440, 35.3811, 43.8634 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(110, 171, 171) }
```


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

```
.border{ border-color:rgb(110, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(110, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3440, 35.3811, 43.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 171, 171) }
```

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

```
.background{ background-color: rgb(110,  
171, 171) }
```

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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