

Converting Colors

XYZ(17.3368, 21.9031, 35.2359)

Have a look what the booklet for
XYZ(17.3368, 21.9031, 35.2359)
contains.

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Color

**XYZ(17.3683, 21.9563,
35.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8B9D
RGB	63, 139, 157
RGB Percent	25%, 55%, 62%
CMY	0.7529, 0.4549, 0.3843
CMYK	0.60, 0.11, 0.00, 0.38
HSL	191°, 43%, 43%
HSV	191°, 60%, 62%
XYZ	17.3683, 21.9563, 35.2209
YIQ	118.3280, -51.0740, -10.5140

Conversions

Conversions Part 2

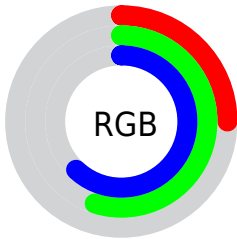
Format	Color
RYB	63, 105, 157
Decimal	4164509
CIELab	53.98, -17.91, -16.64
CIElCh	54, 24.442, 222.890
Yxy	21.9563, 0.2330, 0.2945
Android (android.graphics.Color)	4282354589 (0xFF3F8B9D)
YUV	118.3280, 19.0653, -48.5227
Hunter-Lab	46.8576, -15.8376, -11.7656

Details

The XYZ color **17.3683, 21.9563, 35.2209** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7448, 13.4125, 6.3569**, and the grayscale version is **17.2769, 18.1767, 19.7944**.

A 20% lighter version of the original color is **38.5614, 46.8153, 69.2912**, and **6.1739, 8.1854, 14.8902** is the 20% darker color. If you saturate the color by 10%, you get **16.0758, 20.6531, 35.0379**, and if you desaturate by 10%, it is **18.9601, 23.4325, 35.4223**.

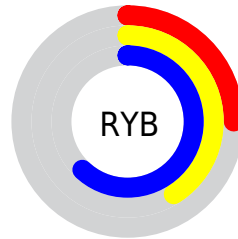
Distribution



Red (25%)

Green (55%)

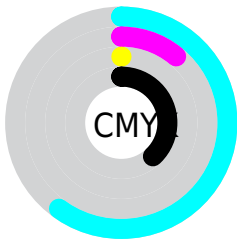
Blue (62%)



Red (25%)

Yellow (41%)

Blue (62%)

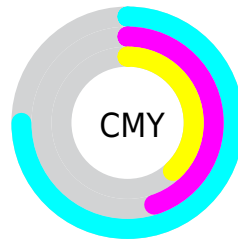


Cyan (60%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3683, 21.9563, 35.2209 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 17.3683, 21.9563, 35.2209 by changing the saturation by 10% instead.

■ 17.3683, 21.9563,
35.2209

■ 17.3683, 21.9563,
35.2209

230.4010,
262.3180, 340.4761

■ 10.5944, 13.8248,
23.5482

■ 38.4965, 46.6738,
68.9833

■ 5.8600, 7.9989,
14.7897

■ 53.5815, 64.0285,
91.9100

■ 2.8000, 4.0942,
8.5269

■ 72.1675, 85.2264,
119.4252

■ 1.0489, 1.7264,
4.3414

■ 94.6200, 110.6520,
151.9473

■ 0.0000, 0.4407,
1.8144

■ 121.3042,
140.6895, 189.8949

■ 0.0000, 0.0000,
0.4374

152.5855,

■ 0.0000, 0.0000,

175.7234, 233.6866

0.0000

188.8294,
216.1381, 283.7408

■ 17.3683, 21.9563,
35.2209

■ 17.3683, 21.9563,
35.2209

■ 16.0758, 20.6531,
35.0379

■ 18.9601, 23.4325,
35.4223

■ 15.0554, 19.5073,
34.8705

■ 20.8712, 25.0908,
35.6417

■ 14.2783, 18.5045,
34.7179

■ 23.1225, 26.9425,
35.8805

■ 13.6748, 17.6084,
34.5768

■ 25.7323, 28.9972,
36.1395

■ 13.6672, 17.5970,
34.5750

■ 28.7176, 31.2638,
36.4197

■ 32.0943, 33.7506,
36.7217

■ 35.8773, 36.4655,
37.0463

■ 40.0809, 39.4159,
37.3943

■ 44.7185, 42.6088,
37.7661

Harmonies

Analogous

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



16.3039, 21.9563, 27.2965



17.3683, 21.9563, 35.2209



19.4116, 21.9563, 40.6544

Triad

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



17.3683, 21.9563, 35.2209



26.1025, 21.9563, 28.4409



19.7574, 21.9563, 12.3567

Complementary

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



17.3683, 21.9563, 35.2209



17.7448, 13.4125, 6.3569

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.



22.3972, 21.9563, 12.5358



17.3683, 21.9563, 35.2209



26.2149, 21.9563, 20.8098

Square

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



17.3683, 21.9563, 35.2209



24.5154, 21.9563, 36.2093



24.8106, 21.9563, 15.3191



17.6030, 21.9563, 14.7638

Rectangle

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



17.3683, 21.9563, 35.2209



21.1257, 21.9563, 41.5507



24.8106, 21.9563, 15.3191



20.6140, 21.9563, 12.1341

Sweetspot

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



17.3690, 21.9571, 35.2214



46.8538, 52.5239, 64.7954



15.5641, 25.7539, 11.7861



10.0095, 11.3256, 14.2289



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.



17.3690, 21.9571, 35.2214



28.0941, 36.2346, 62.6400



12.0303, 11.2797, 33.4418



6.7138, 7.2934, 8.4606



11.1257, 14.3429, 28.0893



0.2244, 0.3074, 0.5107

Inverse Universe

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



20.3429, 12.5878, 25.7844



34.1950, 18.9051, 42.8562



22.4220, 22.7668, 7.9159



6.8497, 6.7328, 8.0594



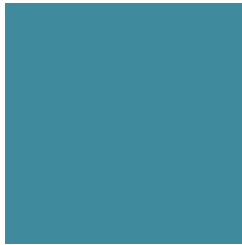
14.4139, 7.0701, 16.9626



0.2706, 0.1316, 0.3710

Previews

White Background



This preview shows how the XYZ color 17.3683, 21.9563, 35.2209 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 17.3683, 21.9563, 35.2209 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 17.3683, 21.9563, 35.2209

Background



This preview shows how black text looks on a background with the XYZ color 17.3683, 21.9563, 35.2209.



This preview shows how white text looks on a background with the XYZ color 17.3683, 21.9563,

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

17.3683, 21.9563, 35.2209

Protanopia

21.3264, 21.6338, 31.4855

Deuteranopia

22.2635, 21.8197, 36.2959



Tritanopia

16.8275, 21.9512, 32.6283

Trichromacy



Original Color

17.3683, 21.9563, 35.2209

Protanomaly

19.2633, 21.3244, 32.8065

Deuteranomaly

19.8538, 21.5606, 35.9161

Tritanomaly

17.0523, 22.0482, 33.4940

Monochromacy



Original Color

17.3683, 21.9563, 35.2209

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.6627, 19.1843, 24.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3683, 21.9563, 35.2209 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(63, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(63, 139, 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(63, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 139, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.3683, 21.9563, 35.2209 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(63, 139, 157) }
```


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

```
.border{ border-color:rgb(63, 139, 157) }
```

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

Here you see how a box with a 4 pixel rgb(63, 139, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(63, 139,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3683, 21.9563, 35.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 139, 157) }
```

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

```
.background{ background-color: rgb(63, 139,  
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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