

Converting Colors

XYZ(17.6657, 21.4516, 34.9947)

Have a look what the booklet for
XYZ(17.6657, 21.4516, 34.9947)
contains.

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Color

**XYZ(17.7140, 21.4985,
35.1143)**

Conversions

Conversions Part 1

Format	Color
Hex	4A889D
RGB	74, 136, 157
RGB Percent	29%, 53%, 62%
CMY	0.7098, 0.4667, 0.3843
CMYK	0.53, 0.13, 0.00, 0.38
HSL	195°, 36%, 45%
HSV	195°, 53%, 62%
XYZ	17.7140, 21.4985, 35.1143
YIQ	119.8560, -43.6930, -6.6130

Conversions

Conversions Part 2

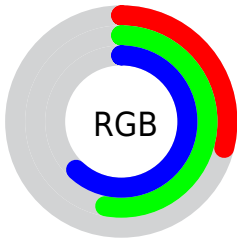
Format	Color
R_{YB}	74, 109, 157
Decimal	4884637
CIE _{Lab}	53.49, -13.93, -17.34
CIE _{LCh}	53, 22.241, 231.233
Yxy	21.4985, 0.2383, 0.2892
Android (android.graphics.Color)	4283074717 (0xFF4A889D)
YUV	119.8560, 18.3120, -40.2157
Hunter-Lab	46.3665, -12.9466, -12.4450

Details

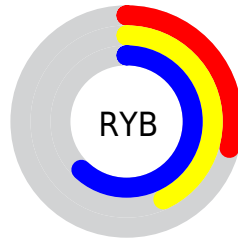
The XYZ color **17.7140, 21.4985, 35.1143** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2334, 15.8475, 8.5244**, and the grayscale version is **17.7606, 18.6855, 20.3486**.

A 20% lighter version of the original color is **38.9833, 45.7379, 69.0610**, and **6.0294, 7.7478, 14.8134** is the 20% darker color. If you saturate the color by 10%, you get **16.1039, 19.8537, 34.8821**, and if you desaturate by 10%, it is **19.6479, 23.3419, 35.3686**.

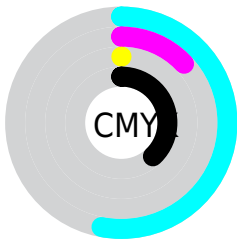
Distribution



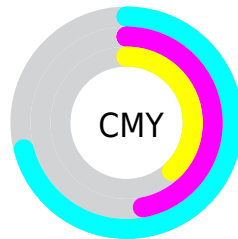
- Red (29%)
- Green (53%)
- Blue (62%)



- Red (29%)
- Yellow (43%)
- Blue (62%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7140, 21.4985, 35.1143 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 17.7140, 21.4985, 35.1143 by changing the saturation by 10% instead.

■ 17.7140, 21.4985,
35.1143

■ 17.7140, 21.4985,
35.1143

232.3309,
259.9160, 339.9921

■ 10.8433, 13.4889,
23.4667

■ 39.0833, 45.9157,
68.8164

■ 6.0281, 7.7660,
14.7299

■ 54.3126, 63.0921,
91.7079

■ 2.9030, 3.9456,
8.4856

■ 73.0588, 84.0928,
119.1845

■ 1.1027, 1.6432,
4.3150

■ 95.6873, 109.3024,
151.6647

■ 0.0273, 0.3865,
1.7997

■ 122.5634,
139.1050, 189.5670

■ 0.0000, 0.0000,
0.4278

154.0524,

■ 0.0000, 0.0000,

173.8853, 233.3100

0.0000

190.5198,
214.0275, 283.3122

■ 17.7140, 21.4985,
35.1143

■ 17.7140, 21.4985,
35.1143

■ 16.1039, 19.8537,
34.8821

■ 19.6479, 23.3419,
35.3686

■ 14.7923, 18.3929,
34.6692

■ 21.9243, 25.3925,
35.6444

■ 13.7537, 17.1029,
34.4750

■ 24.5628, 27.6612,
35.9432

■ 12.9567, 15.9672,
34.2978

■ 27.5809, 30.1573,
36.2660

■ 12.4797, 15.2221,
34.1791

■ 30.9949, 32.8896,
36.6134

■ 34.8201, 35.8662,
36.9863

■ 39.0712, 39.0950,
37.3855

■ 43.7618, 42.5833,
37.8116

■ 48.9051, 46.3383,
38.2653

Harmonies

Analogous

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



16.4778, 21.4985, 28.4537



17.7140, 21.4985, 35.1143



19.7477, 21.4985, 38.8000

Triad

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



17.7140, 21.4985, 35.1143



25.2705, 21.4985, 25.4520



18.8292, 21.4985, 13.2384

Complementary

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



17.7140, 21.4985, 35.1143



19.2334, 15.8475, 8.5244

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.



21.1354, 21.4985, 12.7437



17.7140, 21.4985, 35.1143



24.9769, 21.4985, 18.9975

Square

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



17.7140, 21.4985, 35.1143



24.1921, 21.4985, 32.5563



23.4184, 21.4985, 14.6443



17.0862, 21.4985, 16.1576

Rectangle

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



17.7140, 21.4985, 35.1143



21.3332, 21.4985, 38.6638



23.4184, 21.4985, 14.6443



19.5598, 21.4985, 12.8088

Sweetspot

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



17.7147, 21.4993, 35.1148



47.4540, 52.4216, 64.7440



16.9358, 26.3920, 14.9692



10.2158, 11.3484, 14.2224



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.



17.7147, 21.4993, 35.1148



28.4929, 35.1839, 62.4162



12.9802, 12.0303, 33.5367



6.6797, 7.2251, 8.4492



10.1662, 12.4240, 27.7695



0.2130, 0.2847, 0.5069

Inverse Universe

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



20.7979, 13.8439, 24.8694



34.8475, 20.8937, 40.9666



23.9806, 25.3419, 10.1068



6.8324, 6.7259, 7.9686



13.9297, 6.8764, 14.4125



0.2648, 0.1293, 0.3408

Previews

White Background



This preview shows how the XYZ color 17.7140, 21.4985, 35.1143 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 17.7140, 21.4985, 35.1143 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 17.7140, 21.4985, 35.1143

Background



This preview shows how black text looks on a background with the XYZ color 17.7140, 21.4985, 35.1143.



This preview shows how white text looks on a background with the XYZ color 17.7140, 21.4985,

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

17.7140, 21.4985, 35.1143

Protanopia

20.9919, 21.2613, 31.8516

Deuteranopia

21.7600, 21.3814, 35.7810



Tritanopia

16.9690, 21.4008, 31.6702

Trichromacy



Original Color

17.7140, 21.4985, 35.1143

Protanomaly

19.5581, 21.2684, 33.2114

Deuteranomaly

19.8475, 21.1724, 35.3884

Tritanomaly

17.2856, 21.5360, 32.9516

Monochromacy



Original Color

17.7140, 21.4985, 35.1143

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.2880, 19.4987, 25.0428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7140, 21.4985, 35.1143 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(74, 136, 157)` looks like.

```
.text, #text, p{  
    color:rgb(74, 136, 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(74, 136, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 136, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.7140, 21.4985, 35.1143 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(74, 136, 157) }
```


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

```
.border{ border-color:rgb(74, 136, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 136, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 136, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 136, 157);  
box-shadow:4px 4px 4px 4px rgb(74, 136,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7140, 21.4985, 35.1143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 136, 157) }
```

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

```
.background{ background-color: rgb(74, 136,  
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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