

Converting Colors

XYZ(27.9118, 35.1249, 45.3531)

Have a look what the booklet for
XYZ(27.9118, 35.1249, 45.3531)
contains.

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Color

**XYZ(27.9118, 35.1249,
45.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	68ABAE
RGB	104, 171, 174
RGB Percent	41%, 67%, 68%
CMY	0.5921, 0.3294, 0.3176
CMYK	0.40, 0.02, 0.00, 0.32
HSL	183°, 30%, 55%
HSV	183°, 40%, 68%
XYZ	27.9118, 35.1249, 45.3531
YIQ	151.3090, -40.8950, -13.2710

Conversions

Conversions Part 2

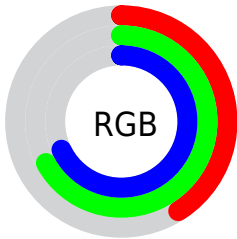
Format	Color
RYB	104, 138, 174
Decimal	6859694
CIELab	65.85, -20.44, -8.25
CIELCh	66, 22.043, 201.981
Yxy	35.1249, 0.2575, 0.3241
Android (android.graphics.Color)	4285049774 (0xFF68ABAE)
YUV	151.3090, 11.1867, -41.4900
Hunter-Lab	59.2663, -19.6503, -3.8849

Details

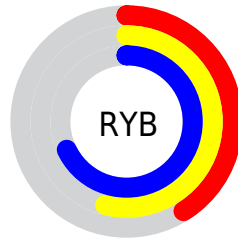
The XYZ color **27.9118, 35.1249, 45.3531** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2124, 20.5139, 15.7282**, and the grayscale version is **29.5147, 31.0518, 33.8154**.

A 20% lighter version of the original color is **55.9100, 67.9662, 84.3008**, and **11.4251, 15.2769, 20.7589** is the 20% darker color. If you saturate the color by 10%, you get **25.9567, 33.9095, 45.2221**, and if you desaturate by 10%, it is **30.2865, 36.5595, 45.5055**.

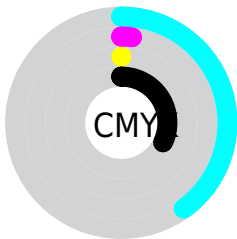
Distribution



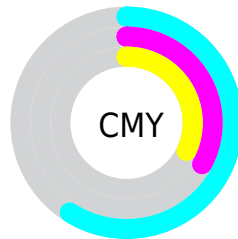
- Red (41%)
- Green (67%)
- Blue (68%)



- Red (41%)
- Yellow (54%)
- Blue (68%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (59%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9118, 35.1249, 45.3531 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 27.9118, 35.1249, 45.3531 by changing the saturation by 10% instead.

■ 27.9118, 35.1249,
45.3531

■ 27.9118, 35.1249,
45.3531

284.1330,
325.1193, 384.4035

■ 18.3993, 23.7591,
31.3907

■ 55.7532, 67.6792,
84.5741

■ 11.3385, 15.1550,
20.6356

■ 74.8129, 89.6365,
110.6697

■ 6.3639, 8.9283,
12.6692

■ 97.7856, 115.8931,
141.6468

■ 3.1104, 4.6944,
7.0731

■ 125.0367,
146.8334, 177.9240

■ 1.2124, 2.0691,
3.4287

156.9317,
182.8418, 219.9196

■ 0.1161, 0.6472,
1.3175

193.8358,

■ 0.0000, 0.0000,

224.3026, 268.0524

0.0761

236.1145,
271.6003, 322.7409

■ 0.0000, 0.0000,
0.0000

■ 27.9118, 35.1249,
45.3531

■ 27.9118, 35.1249,
45.3531

■ 25.9567, 33.9095,
45.2221

■ 30.2865, 36.5595,
45.5055

■ 24.3923, 32.8957,
45.1089

■ 33.1014, 38.2214,
45.6779

■ 23.1909, 32.0703,
45.0129

■ 36.3792, 40.1231,
45.8722

■ 22.3199, 31.4164,
44.9326

■ 40.1404, 42.2752,
46.0893

■ 21.7408, 30.9142,
44.8662

■ 44.4042, 44.6876,
46.3302

■ 21.3763, 30.5284,
44.8110

■ 49.1886, 47.3696,
46.5957

■ 54.5111, 50.3300,
46.8867

■ 60.3879, 53.5775,
47.2037

■ 64.7429, 56.0417,
47.4498

Harmonies

Analogous

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



27.5639, 35.1249, 35.7988



27.9118, 35.1249, 45.3531



29.6771, 35.1249, 54.1731

Triad

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



27.9118, 35.1249, 45.3531



38.5619, 35.1249, 50.3801



34.2658, 35.1249, 23.1015

Complementary

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



27.9118, 35.1249, 45.3531



25.2124, 20.5139, 15.7282

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.



37.3899, 35.1249, 25.7920



27.9118, 35.1249, 45.3531



39.9733, 35.1249, 40.8003

Square

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



27.9118, 35.1249, 45.3531



35.7827, 35.1249, 57.3883



39.5310, 35.1249, 31.9214



31.0972, 35.1249, 23.9165

Rectangle

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



27.9118, 35.1249, 45.3531



31.4865, 35.1249, 57.9455



39.5310, 35.1249, 31.9214



35.3587, 35.1249, 23.6080

Sweetspot

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



27.9128, 35.1263, 45.3539



64.7394, 72.0587, 83.1334



23.4646, 34.2634, 19.1043



14.2157, 15.9156, 18.4671



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.9128, 35.1263, 45.3539



47.5282, 61.7895, 82.0584



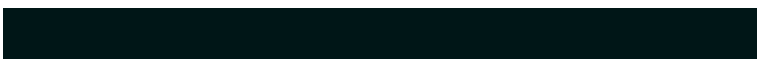
22.2480, 23.7965, 43.4656



8.2065, 9.0124, 10.2597



15.5155, 22.1649, 32.5050



0.4404, 0.6342, 0.9072

Inverse Universe

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



29.7574, 21.8404, 41.1769



51.3658, 34.5721, 73.2730



29.5291, 29.1471, 17.1670



8.3220, 8.1421, 10.0066



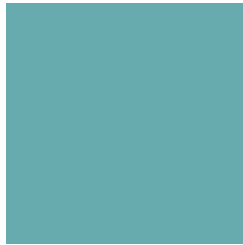
17.6952, 8.5406, 27.1039



0.4967, 0.2394, 0.7774

Previews

White Background



This preview shows how the XYZ color 27.9118, 35.1249, 45.3531 looks on a white background.

Color Contrast Check

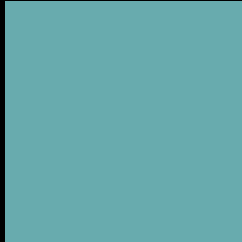
Large Text (above 18pt) WCAG AA × Fail

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 27.9118, 35.1249, 45.3531 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

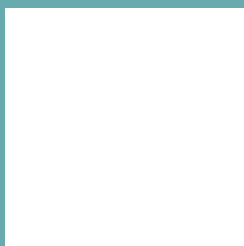
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9118, 35.1249, 45.3531

Background



This preview shows how black text looks on a background with the XYZ color 27.9118, 35.1249, 45.3531.

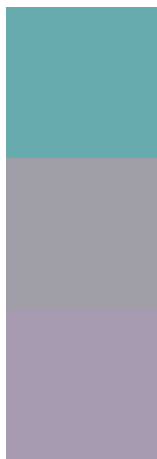


This preview shows how white text looks on a background with the XYZ color 27.9118, 35.1249,

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

27.9118, 35.1249, 45.3531

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

35.3830, 34.7240, 46.4325



Tritanopia

28.9854, 35.2941, 50.0845

Trichromacy



Original Color

27.9118, 35.1249, 45.3531

Protanomaly

31.0738, 34.6344, 42.5835

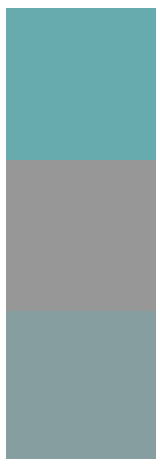
Deuteranomaly

31.9090, 34.4640, 46.0447

Tritanomaly

28.5568, 35.1089, 48.4516

Monochromacy



Original Color

27.9118, 35.1249, 45.3531

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3164, 32.0253, 37.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9118, 35.1249, 45.3531 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(104, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(104, 171, 174)  
}
```

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(104, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 171, 174) }
```

Border

The CSS property to change the border of an element to XYZ 27.9118, 35.1249, 45.3531 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(104, 171, 174) }
```


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

```
.border{ border-color:rgb(104, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(104, 171,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9118, 35.1249, 45.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 171, 174) }
```

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

```
.background{ background-color: rgb(104,  
171, 174) }
```

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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