

Converting Colors

XYZ(30.9199, 34.8141, 45.2213)

Have a look what the booklet for
XYZ(30.9199, 34.8141, 45.2213)
contains.

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Color

**XYZ(30.9071, 34.7578,
45.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	87A4AE
RGB	135, 164, 174
RGB Percent	53%, 64%, 68%
CMY	0.4706, 0.3568, 0.3176
CMYK	0.22, 0.06, 0.00, 0.32
HSL	195°, 19%, 61%
HSV	195°, 22%, 68%
XYZ	30.9071, 34.7578, 45.1243
YIQ	156.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

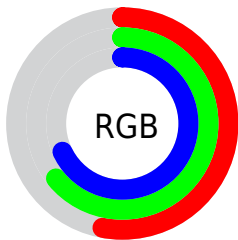
Format	Color
R _Y B	135, 152, 174
Decimal	8889518
CIE Lab	65.56, -7.72, -8.49
CIE LCh	66, 11.477, 227.725
Yxy	34.7578, 0.2790, 0.3137
Android (android.graphics.Color)	4287079598 (0xFF87A4AE)
YUV	156.4690, 8.6428, -18.8283
Hunter-Lab	58.9557, -9.5953, -4.1111

Details


The XYZ color **30.9071, 34.7578, 45.1243** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.9544, 30.9988, 27.2216**, and the grayscale version is **31.7794, 33.4344, 36.4101**.

A 20% lighter version of the original color is **60.4606, 67.1390, 83.9012**, and **12.9632, 14.8783, 20.6009** is the 20% darker color. If you saturate the color by 10%, you get **27.5490, 31.8631, 44.7431**, and if you desaturate by 10%, it is **34.7528, 37.9472, 45.5378**.

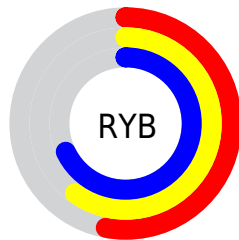
Distribution



 Red (53%)

 Green (64%)

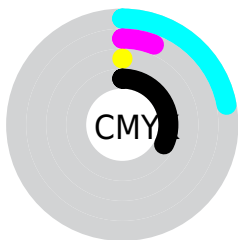
 Blue (68%)




 Red (53%)

 Yellow (60%)

 Blue (68%)

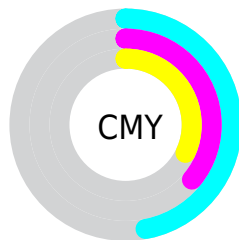



 Cyan (22%)


 Magenta (6%)

 Yellow (0%)

 Black (32%)



 Cyan (47%)

 Magenta (36%)

 Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9071, 34.7578, 45.1243 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 30.9071, 34.7578, 45.1243 by changing the saturation by 10% instead.

■ 30.9071, 34.7578,
45.1243

■ 30.9071, 34.7578,
45.1243

297.9446,
323.4980, 383.4515

■ 20.6796, 23.4764,
31.2117

■ 60.4706, 67.1104,
84.2273

■ 13.0011, 14.9456,
20.5003

■ 80.5373, 88.9503,
110.2548

■ 7.5063, 8.7812,
12.5715

■ 104.6145,
115.0786, 141.1577

■ 3.8298, 4.5988,
7.0069

133.0675,
145.8795, 177.3545

■ 1.6063, 2.0138,
3.3879

166.2617,
181.7375, 219.2637

■ 0.3965, 0.6155,
1.2960

204.5623,

■ 0.0000, 0.0000,

223.0370, 267.3039

0.0585

248.3349,
270.1624, 321.8937

■ 0.0000, 0.0000,
0.0000

■ 30.9071, 34.7578,
45.1243

■ 30.9071, 34.7578,
45.1243

■ 27.5490, 31.8631,
44.7431

■ 34.7528, 37.9472,
45.5378

■ 24.6530, 29.2469,
44.3908

■ 39.1040, 41.4383,
45.9823

■ 22.1957, 26.8976,
44.0668

■ 43.9815, 45.2431,
46.4596

■ 20.1504, 24.8010,
43.7700

■ 49.4038, 49.3715,
46.9707

■ 18.4875, 22.9414,
43.4987

■ 55.3886, 53.8331,
47.5165

■ 17.1730, 21.3007,
43.2513

■ 61.9528, 58.6370,
48.0977

■ 16.1663, 19.8577,
43.0258

■ 68.4463, 63.4484,
48.6842

■ 15.5424, 18.8607,
42.8662

■ 69.4623, 65.4804,
49.0228

■ 70.5084, 67.5726,
49.3716

Harmonies

Analogous

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



30.0491, 34.7578, 40.7372



30.9071, 34.7578, 45.1243



32.3531, 34.7578, 47.6414

Triad

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



30.9071, 34.7578, 45.1243



36.2998, 34.7578, 39.8499



32.0609, 34.7578, 29.6870

Complementary

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



30.9071, 34.7578, 45.1243



31.9544, 30.9988, 27.2216

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.



33.7290, 34.7578, 29.4935



30.9071, 34.7578, 45.1243



36.2151, 34.7578, 35.0937

Square

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



30.9071, 34.7578, 45.1243



35.4887, 34.7578, 44.4275



35.2610, 34.7578, 31.3945



30.6995, 34.7578, 31.9477

Rectangle

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



30.9071, 34.7578, 45.1243



33.4731, 34.7578, 47.7906



35.2610, 34.7578, 31.3945



32.6032, 34.7578, 29.3854

Sweetspot

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



30.9081, 34.7592, 45.1251



67.0953, 72.1114, 83.0195



30.2199, 37.4602, 32.3256



14.8111, 15.9460, 18.4416



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.



30.9081, 34.7592, 45.1251



52.8700, 60.3236, 81.4939



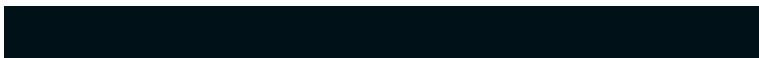
27.7196, 28.3821, 44.0622



8.0599, 8.7192, 10.2109



11.3224, 13.7787, 31.1073



0.3556, 0.4646, 0.8789

Inverse Universe

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



32.8212, 29.0077, 38.9927



57.0279, 48.1919, 68.0831



35.1496, 37.3891, 28.2866



8.2480, 8.1125, 9.6170



15.5787, 7.6940, 15.9586



0.4539, 0.2222, 0.5520

Previews

White Background



This preview shows how the XYZ color 30.9071, 34.7578, 45.1243 looks on a white background.

Color Contrast Check

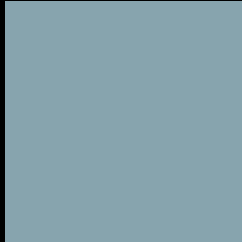
Large Text (above 18pt) WCAG AA × Fail

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 30.9071, 34.7578, 45.1243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

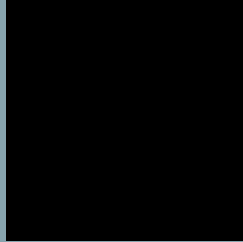
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9071, 34.7578, 45.1243

Background



This preview shows how black text looks on a background with the XYZ color 30.9071, 34.7578, 45.1243.



This preview shows how white text looks on a background with the XYZ color 30.9071, 34.7578,

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

30.9071, 34.7578, 45.1243

Protanopia

33.5831, 34.6251, 42.9435

Deuteranopia

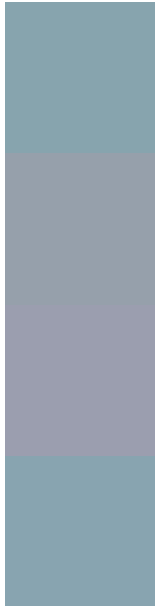
35.2837, 34.6843, 45.9094



Tritanopia

31.3646, 34.9595, 46.6897

Trichromacy



Original Color

30.9071, 34.7578, 45.1243

Protanomaly

32.4992, 34.5659, 43.4871

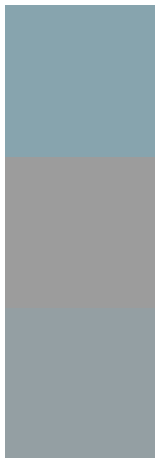
Deuteranomaly

33.4823, 34.5174, 45.4553

Tritanomaly

31.2653, 34.9197, 46.1666

Monochromacy



Original Color

30.9071, 34.7578, 45.1243

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2217, 33.7365, 39.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9071, 34.7578, 45.1243 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(135, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 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(135, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.9071, 34.7578, 45.1243 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(135, 164, 174) }
```


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

```
.border{ border-color:rgb(135, 164, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 164, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(135, 164,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9071, 34.7578, 45.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 174) }
```

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

```
.background{ background-color: rgb(135,  
164, 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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