

Converting Colors

XYZ(30.2058, 34.5208, 45.1160)

Have a look what the booklet for
XYZ(30.2058, 34.5208, 45.1160)
contains.

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Color

**XYZ(30.1214, 34.3527,
45.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	82A4AE
RGB	130, 164, 174
RGB Percent	51%, 64%, 68%
CMY	0.4902, 0.3569, 0.3176
CMYK	0.25, 0.06, 0.00, 0.32
HSL	194°, 21%, 60%
HSV	194°, 25%, 68%
XYZ	30.1214, 34.3527, 45.0876
YIQ	154.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

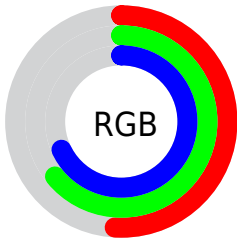
Format	Color
RYB	130, 149, 174
Decimal	8561838
CIELab	65.24, -9.29, -9.00
CIELCh	65, 12.933, 224.098
Yxy	34.3527, 0.2749, 0.3135
Android (android.graphics.Color)	4286751918 (0xFF82A4AE)
YUV	154.9740, 9.3798, -21.9022
Hunter-Lab	58.6112, -10.8350, -4.5820

Details

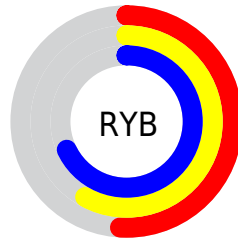
The XYZ color **30.1214, 34.3527, 45.0876** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8634, 29.3670, 25.1617**, and the grayscale version is **31.1123, 32.7326, 35.6458**.

A 20% lighter version of the original color is **59.2415, 66.5105, 83.8442**, and **12.5315, 14.6557, 20.5807** is the 20% darker color. If you saturate the color by 10%, you get **26.9784, 31.6991, 44.7416**, and if you desaturate by 10%, it is **33.7398, 37.2858, 45.4636**.

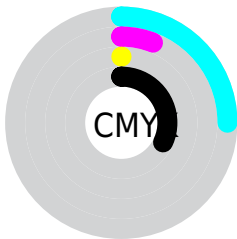
Distribution



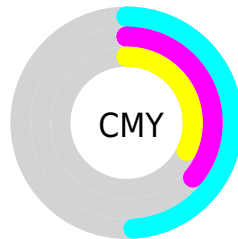
- Red (51%)
- Green (64%)
- Blue (68%)



- Red (51%)
- Yellow (58%)
- Blue (68%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1214, 34.3527, 45.0876 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 30.1214, 34.3527, 45.0876 by changing the saturation by 10% instead.

■ 30.1214, 34.3527,
45.0876

■ 30.1214, 34.3527,
45.0876

294.3696,
321.7019, 383.2987

■ 20.0793, 23.1647,
31.1830

■ 59.2394, 66.4818,
84.1717

■ 12.5613, 14.7152,
20.4786

■ 79.0460, 88.1916,
110.1882

■ 7.2021, 8.6197,
12.5559

■ 102.8382,
114.1775, 141.0792

■ 3.6362, 4.4940,
6.9963

130.9813,
144.8239, 177.2631

■ 1.4985, 1.9535,
3.3814

163.8406,
180.5151, 219.1584

■ 0.3248, 0.5803,
1.2925

201.7815,

■ 0.0000, 0.0000,

221.6356, 267.1838

0.0557

245.1694,
268.5697, 321.7577

■ 0.0000, 0.0000,
0.0000

■ 30.1214, 34.3527,
45.0876

■ 30.1214, 34.3527,
45.0876

■ 26.9784, 31.6991,
44.7416

■ 33.7398, 37.2858,
45.4636

■ 24.2849, 29.3087,
44.4222

■ 37.8517, 40.5054,
45.8683

■ 22.0170, 27.1697,
44.1289

■ 42.4783, 44.0236,
46.3036

■ 20.1473, 25.2679,
43.8603

■ 47.6383, 47.8502,
46.7702

■ 18.6451, 23.5869,
43.6150

■ 53.3497, 51.9949,
47.2692

■ 17.4750, 22.1084,
43.3913

■ 59.6293, 56.4666,
47.8013

■ 16.5928, 20.8091,
43.1870

■ 66.4934, 61.2740,
48.3675

■ 16.2291, 20.2341,
43.0952

■ 68.5377, 63.6313,
48.7147

■ 69.4392, 65.4343,
49.0152

Harmonies

Analogous

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



29.2666, 34.3527, 39.9852



30.1214, 34.3527, 45.0876



31.6700, 34.3527, 48.2799

Triad

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



30.1214, 34.3527, 45.0876



36.2556, 34.3527, 40.3155



31.7779, 34.3527, 28.2283

Complementary

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



30.1214, 34.3527, 45.0876



30.8634, 29.3670, 25.1617

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.



33.6525, 34.3527, 28.2983



30.1214, 34.3527, 45.0876



36.2872, 34.3527, 34.9368

Square

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



30.1214, 34.3527, 45.0876



35.2340, 34.3527, 45.3494



35.3188, 34.3527, 30.6475



30.1978, 34.3527, 30.4459

Rectangle

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



30.1214, 34.3527, 45.0876



32.9104, 34.3527, 48.7198



35.3188, 34.3527, 30.6475



32.3934, 34.3527, 27.9922

Sweetspot

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



30.1224, 34.3541, 45.0884



66.4352, 71.7501, 82.9845



29.0420, 36.8984, 30.2232



14.5152, 15.7517, 18.4197



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.



30.1224, 34.3541, 45.0884



51.5429, 59.7271, 81.4488



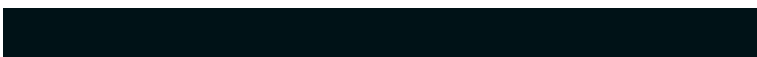
26.5893, 27.2879, 43.9107



8.0797, 8.7587, 10.2175



11.8170, 14.7679, 31.2722



0.3662, 0.4857, 0.8824

Inverse Universe

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



32.1399, 27.6452, 38.7655



55.8557, 45.7998, 67.8394



34.3238, 36.2877, 26.3152



8.2580, 8.1165, 9.6696



15.8283, 7.7939, 17.2732



0.4592, 0.2244, 0.5801

Previews

White Background



This preview shows how the XYZ color 30.1214, 34.3527, 45.0876 looks on a white background.

Color Contrast Check

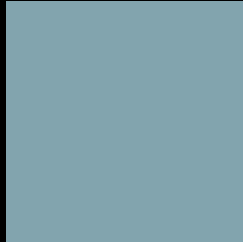
Large Text (above 18pt) WCAG AA × Fail

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 30.1214, 34.3527, 45.0876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

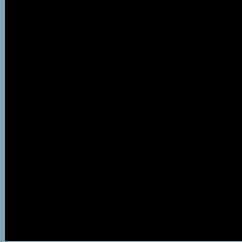
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1214, 34.3527, 45.0876

Background



This preview shows how black text looks on a background with the XYZ color 30.1214, 34.3527, 45.0876.



This preview shows how white text looks on a background with the XYZ color 30.1214, 34.3527,

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

30.1214, 34.3527, 45.0876

Protanopia

33.2173, 34.1843, 42.8777

Deuteranopia

34.9091, 34.2451, 45.8444



Tritanopia

30.5713, 34.5505, 46.6526

Trichromacy



Original Color

30.1214, 34.3527, 45.0876

Protanomaly

31.9541, 34.2849, 43.4616

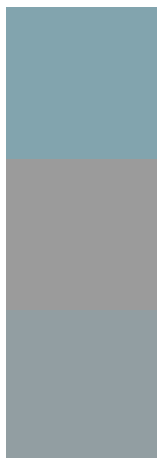
Deuteranomaly

32.9136, 34.2243, 45.4286

Tritanomaly

30.4720, 34.5108, 46.1295

Monochromacy



Original Color

30.1214, 34.3527, 45.0876

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.6025, 33.1733, 38.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1214, 34.3527, 45.0876 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(130, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 164, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.1214, 34.3527, 45.0876 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(130, 164, 174) }
```


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

```
.border{ border-color:rgb(130, 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(130, 164, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(130, 164,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1214, 34.3527, 45.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 164, 174) }
```

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

```
.background{ background-color: rgb(130,  
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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