

Converting Colors

XYZ(26.8918, 34.1709, 50.5857)

Have a look what the booklet for
XYZ(26.8918, 34.1709, 50.5857)
contains.

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Color

**XYZ(26.8642, 34.1886,
50.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	56AAB8
RGB	86, 170, 184
RGB Percent	34%, 67%, 72%
CMY	0.6627, 0.3333, 0.2784
CMYK	0.53, 0.08, 0.00, 0.28
HSL	189°, 41%, 53%
HSV	189°, 53%, 72%
XYZ	26.8642, 34.1886, 50.5306
YIQ	146.4800, -54.5580, -13.4540

Conversions

Conversions Part 2

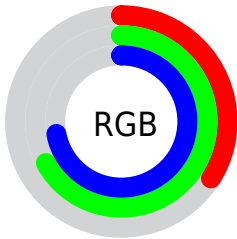
Format	Color
RYB	86, 131, 184
Decimal	5679800
CIELab	65.11, -21.49, -15.00
CIElCh	65, 26.204, 214.909
Yxy	34.1886, 0.2408, 0.3064
Android (android.graphics.Color)	4283869880 (0xFF56AAB8)
YUV	146.4800, 18.4974, -53.0410
Hunter-Lab	58.4710, -20.3134, -10.3087

Details

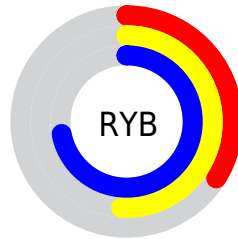
The XYZ color **26.8642, 34.1886, 50.5306** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0048, 19.9773, 11.2904**, and the grayscale version is **27.4620, 28.8922, 31.4636**.

A 20% lighter version of the original color is **53.9811, 65.9813, 92.3286**, and **10.8063, 14.7147, 23.7434** is the 20% darker color. If you saturate the color by 10%, you get **24.8957, 32.4503, 50.2995**, and if you desaturate by 10%, it is **29.2808, 36.1740, 50.7871**.

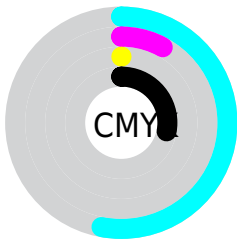
Distribution



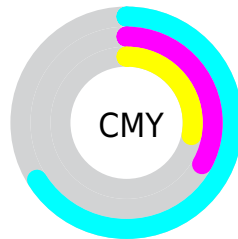
- Red (34%)
- Green (67%)
- Blue (72%)



- Red (34%)
- Yellow (51%)
- Blue (72%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (66%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8642, 34.1886, 50.5306 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 26.8642, 34.1886, 50.5306 by changing the saturation by 10% instead.

■ 26.8642, 34.1886,
50.5306

■ 26.8642, 34.1886,
50.5306

279.1786,
320.9722, 405.5317

■ 17.6073, 23.0385,
35.4610

■ 54.0873, 66.2268,
92.3649

■ 10.7664, 14.6220,
23.7319

■ 72.7842, 87.8838,
119.9668

■ 5.9761, 8.5545,
14.9245

■ 95.3586, 113.8119,
152.5832

■ 2.8711, 4.4518,
8.6204

■ 122.1756,
144.3954, 190.6326

■ 1.0860, 1.9293,
4.4010

153.6008,
180.0188, 234.5336

■ 0.0133, 0.5659,
1.8478

189.9995,

■ 0.0000, 0.0000,

221.0665, 284.7048

0.4592

231.7369,
267.9228, 341.5646

■ 0.0000, 0.0000,
0.0000

■ 26.8642, 34.1886,
50.5306

■ 26.8642, 34.1886,
50.5306

■ 24.8957, 32.4503,
50.2995

■ 29.2808, 36.1740,
50.7871

■ 23.3377, 30.9376,
50.0896

■ 32.1728, 38.4184,
51.0679

■ 22.1521, 29.6312,
49.8999

■ 35.5693, 40.9376,
51.3751

■ 21.2917, 28.5068,
49.7282

■ 39.4958, 43.7450,
51.7100

■ 20.8306, 27.8182,
49.6196

■ 43.9764, 46.8530,
52.0738

■ 49.0334, 50.2731,
52.4674

■ 54.6881, 54.0165,
52.8919

■ 60.9605, 58.0935,
53.3483

■ 67.8697, 62.5141,
53.8374

Harmonies

Analogous

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



25.7456, 34.1886, 39.0452



26.8642, 34.1886, 50.5306



29.4943, 34.1886, 59.5739

Triad

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



26.8642, 34.1886, 50.5306



39.5716, 34.1886, 46.8227



31.8740, 34.1886, 20.0270

Complementary

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



26.8642, 34.1886, 50.5306



26.0048, 19.9773, 11.2904

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.



35.6931, 34.1886, 21.3088



26.8642, 34.1886, 50.5306



40.3321, 34.1886, 35.4634

Square

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



26.8642, 34.1886, 50.5306



36.8585, 34.1886, 57.1574



38.8628, 34.1886, 26.4887



28.4907, 34.1886, 22.5673

Rectangle

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



26.8642, 34.1886, 50.5306



31.8512, 34.1886, 62.2003



38.8628, 34.1886, 26.4887



33.1479, 34.1886, 20.0308

Sweetspot

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



26.8653, 34.1899, 50.5314



69.3506, 77.7112, 93.5492



23.2344, 37.1623, 17.7705



14.6337, 16.5270, 20.1404



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.8653, 34.1899, 50.5314



44.5644, 58.2979, 91.1084



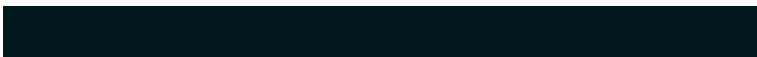
19.4417, 19.3429, 48.0569



9.1544, 9.9860, 11.5244



14.3956, 19.2508, 34.2101



0.5377, 0.7391, 1.2161

Inverse Universe

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



30.3515, 19.7491, 40.2439



51.8115, 30.2259, 69.2867



32.0481, 32.0639, 13.3048



9.3243, 9.1401, 11.0550



17.8799, 8.7257, 23.0521



0.6456, 0.3137, 0.8930

Previews

White Background



This preview shows how the XYZ color 26.8642, 34.1886, 50.5306 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 26.8642, 34.1886, 50.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

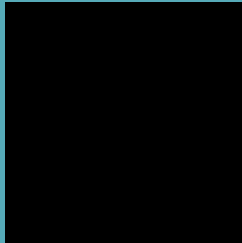
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8642, 34.1886, 50.5306

Background



This preview shows how black text looks on a background with the XYZ color 26.8642, 34.1886, 50.5306.



This preview shows how white text looks on a background with the XYZ color 26.8642, 34.1886,

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

26.8642, 34.1886, 50.5306

Protanopia

33.1439, 33.8406, 45.3425

Deuteranopia

34.5373, 33.9101, 52.3020



Tritanopia

26.8642, 34.1886, 50.5306

Trichromacy



Original Color

26.8642, 34.1886, 50.5306

Protanomaly

29.9867, 33.4499, 46.9955

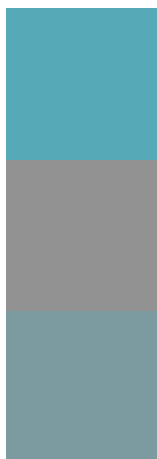
Deuteranomaly

30.9005, 33.5548, 51.8618

Tritanomaly

26.8642, 34.1886, 50.5306

Monochromacy



Original Color

26.8642, 34.1886, 50.5306

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3787, 30.2658, 37.7093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8642, 34.1886, 50.5306 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(86, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(86, 170, 184)  
}
```

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(86, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 170, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.8642, 34.1886, 50.5306 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(86, 170, 184) }
```


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

```
.border{ border-color:rgb(86, 170, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(86, 170,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8642, 34.1886, 50.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 170, 184) }
```

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

```
.background{ background-color: rgb(86, 170,  
184) }
```

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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