

Converting Colors

XYZ(23.8759, 33.3359, 60.6598)

Have a look what the booklet for
XYZ(23.8759, 33.3359, 60.6598)
contains.

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Color

**XYZ(25.4862, 34.1042,
60.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADC9
RGB	0, 173, 201
RGB Percent	0%, 68%, 79%
CMY	0.9998, 0.3216, 0.2118
CMYK	1.00, 0.14, 0.00, 0.21
HSL	188°, 100%, 39%
HSV	188°, 100%, 79%
XYZ	25.4862, 34.1042, 60.4978
YIQ	124.4650, -112.0960, -27.9680

Conversions

Conversions Part 2

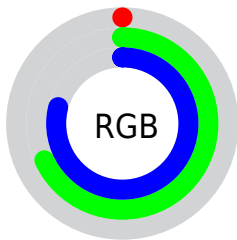
Format	Color
RYB	0, 93, 201
Decimal	44489
CIELab	65.05, -26.91, -24.69
CIELCh	65, 36.519, 222.534
Yxy	34.1042, 0.2122, 0.2840
Android (android.graphics.Color)	4278234569 (0xFF00ADC9)
YUV	124.4650, 37.7318, -109.1558
Hunter-Lab	58.3988, -24.2976, -20.5419

Details

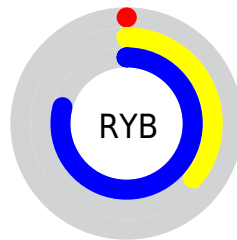
The XYZ color **25.4862, 34.1042, 60.4978** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **24.5042, 13.2504, 1.2674**, and the grayscale version is **19.2230, 20.2241, 22.0241**.

A 20% lighter version of the original color is **51.4361, 66.0253, 104.6409**, and **11.9829, 15.5395, 29.9716** is the 20% darker color. If you saturate the color by 10%, you get **25.4855, 34.1026, 60.4982**, and if you desaturate by 10%, it is **26.3209, 35.3407, 60.6932**.

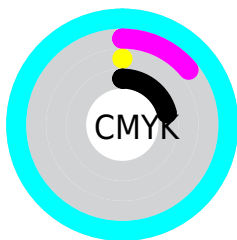
Distribution



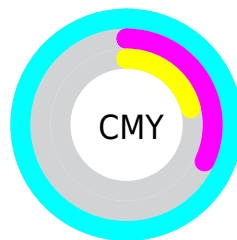
- Red (0%)
- Green (68%)
- Blue (79%)



- Red (0%)
- Yellow (36%)
- Blue (79%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4862, 34.1042, 60.4978 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 25.4862, 34.1042, 60.4978 by changing the saturation by 10% instead.

■ 25.4862, 34.1042,
60.4978

■ 25.4862, 34.1042,
60.4978

■ 272.5539,
320.5964, 444.2857

■ 16.5703, 22.9737,
43.3921

■ 51.8821, 66.0957,
107.1019

■ 10.0220, 14.5741,
29.8592

■ 70.0929, 87.7254,
137.4373

■ 5.4759, 8.5210,
19.4806

■ 92.1326, 113.6236,
173.0198

■ 2.5667, 4.4301,
11.8377

■ 118.3667,
144.1748, 214.2677

■ 0.9290, 1.9169,
6.5121

■ 149.1606,
179.7633, 261.5998

■ 0.0000, 0.5585,
3.0851

184.8795,

■ 0.0000, 0.0000,

220.7734, 315.4344

1.1383

225.8888,
267.5897, 376.1902

■ 0.0000, 0.0000,
0.0000

■ 25.4862, 34.1042,
60.4978

■ 25.4862, 34.1042,
60.4978

■ 25.4855, 34.1026,
60.4982

■ 26.3209, 35.3407,
60.6932

■ 27.4681, 36.7546,
60.9056

■ 29.0333, 38.4008,
61.1408

■ 31.0718, 40.3080,
61.4015

■ 33.6303, 42.5004,
61.6899

■ 36.7498, 44.9992,
62.0078

■ 40.4672, 47.8236,
62.3570

■ 44.8161, 50.9909,
62.7391

■ 49.8278, 54.5173,
63.1556

Harmonies

Analogous

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



23.4696, 34.1042, 43.8170



25.4862, 34.1042, 60.4978



29.4585, 34.1042, 72.4045

Triad

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



25.4862, 34.1042, 60.4978



43.1113, 34.1042, 46.5756



30.2586, 34.1042, 15.3472

Complementary

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



25.4862, 34.1042, 60.4978



24.5042, 13.2504, 1.2674

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.



35.5630, 34.1042, 15.7098



25.4862, 34.1042, 60.4978



43.3858, 34.1042, 31.1671

Square

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



25.4862, 34.1042, 60.4978



39.7845, 34.1042, 62.9844



40.4980, 34.1042, 20.7243



26.0169, 34.1042, 19.5462

Rectangle

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



25.4862, 34.1042, 60.4978



32.8665, 34.1042, 74.4746



40.4980, 34.1042, 20.7243



31.9677, 34.1042, 14.9809

Sweetspot

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



25.4873, 34.1054, 60.4986



68.9785, 81.6512, 106.7325



21.0834, 41.8525, 7.9944



14.1586, 17.0216, 22.7892



0.0000, 0.0000, 0.0000



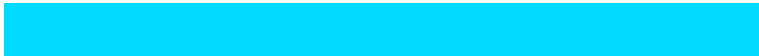
20.3446, 21.4041, 23.3091

Same Dimension

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



25.4873, 34.1054, 60.4986



43.5046, 58.1293, 103.5349



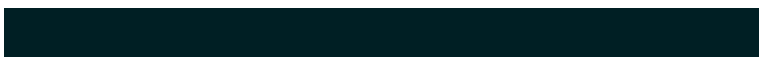
12.9741, 9.0789, 56.3276



10.8159, 11.8058, 13.6262



16.0745, 21.5429, 38.0553



0.7967, 1.0913, 1.8138

Inverse Universe

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



31.6312, 15.4359, 40.8486



54.0883, 26.3993, 69.5884



31.7184, 27.6787, 3.6721



11.0171, 10.7902, 13.0733



19.9130, 9.7148, 25.8154



0.9609, 0.4672, 1.3170

Previews

White Background



This preview shows how the XYZ color 25.4862, 34.1042, 60.4978 looks on a white background.

Color Contrast Check

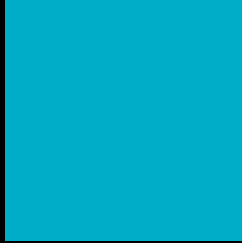
Large Text (above 18pt) WCAG AA × Fail

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 25.4862, 34.1042, 60.4978 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

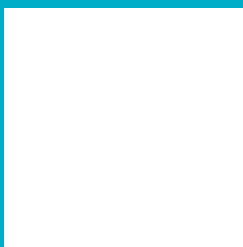
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4862, 34.1042, 60.4978

Background



This preview shows how black text looks on a background with the XYZ color 25.4862, 34.1042, 60.4978.



This preview shows how white text looks on a background with the XYZ color 25.4862, 34.1042,

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

25.4862, 34.1042, 60.4978

Protanopia

33.4843, 33.6008, 52.8649

Deuteranopia

34.4291, 33.6300, 62.4342



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



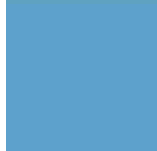
Original Color

25.4862, 34.1042, 60.4978



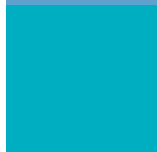
Protanomaly

27.2653, 32.1238, 55.2156



Deuteranomaly

28.1582, 32.1765, 61.8533



Tritanomaly

24.7617, 34.1224, 55.7333

Monochromacy



Original Color

25.4862, 34.1042, 60.4978



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

18.5649, 23.2753, 33.2199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4862, 34.1042, 60.4978 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(0, 173, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 201)  
}
```

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(0, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 201) }
```

Border

The CSS property to change the border of an element to XYZ 25.4862, 34.1042, 60.4978 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(0, 173, 201) }
```


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

```
.border{ border-color:rgb(0, 173, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4862, 34.1042, 60.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 201) }
```

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

```
.background{ background-color: rgb(0, 173,  
201) }
```

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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