

Converting Colors

XYZ(25.8577, 36.1352, 56.6509)

Have a look what the booklet for
XYZ(25.8577, 36.1352, 56.6509)
contains.

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Color

**XYZ(25.8577, 36.1352,
56.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	00B3C2
RGB	0, 179, 194
RGB Percent	0%, 70%, 76%
CMY	0.9998, 0.2980, 0.2392
CMYK	1.00, 0.08, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	25.8577, 36.1352, 56.6509
YIQ	127.1890, -111.4990, -33.2830

Conversions

Conversions Part 2

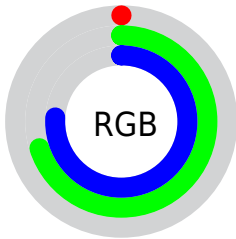
Format	Color
RYB	0, 93, 194
Decimal	46018
CIELab	66.62, -32.15, -18.41
CIELCh	67, 37.048, 209.789
Yxy	36.1352, 0.2179, 0.3046
Android (android.graphics.Color)	4278236098 (0xFF00B3C2)
YUV	127.1890, 32.9378, -111.5448
Hunter-Lab	60.1126, -28.4144, -13.7969

Details

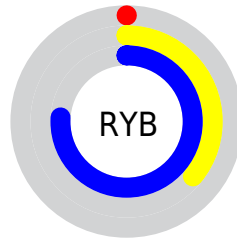
The XYZ color **25.8577, 36.1352, 56.6509** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **22.4201, 11.8124, 1.0996**, and the grayscale version is **20.1603, 21.2102, 23.0979**.

A 20% lighter version of the original color is **52.3305, 69.0855, 101.0192**, and **12.1945, 16.8152, 27.4139** is the 20% darker color. If you saturate the color by 10%, you get **25.8576, 36.1349, 56.6515**, and if you desaturate by 10%, it is **26.4379, 36.8838, 56.7655**.

Distribution



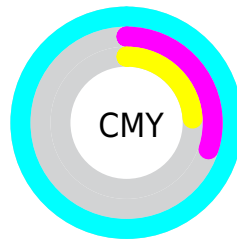
- Red (0%)
- Green (70%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8577, 36.1352, 56.6509 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 25.8577, 36.1352, 56.6509 by changing the saturation by 10% instead.

■ 25.8577, 36.1352,
56.6509

■ 25.8577, 36.1352,
56.6509

274.3524,
329.5511, 429.5969

■ 16.8493, 24.5386,
40.3175

■ 52.4782, 69.2407,
101.4509

■ 10.2218, 15.7337,
27.4705

■ 70.8211, 91.5184,
130.7546

■ 5.6096, 9.3359,
17.6914

■ 93.0062, 118.1253,
165.2189

■ 2.6476, 4.9609,
10.5615

■ 119.3989,
149.4457, 205.2622

■ 0.9703, 2.2243,
5.6624

■ 150.3645,
185.8642, 251.3031

■ 0.0000, 0.7332,
2.5754

186.2683,

■ 0.0000, 0.0000,

227.7649, 303.7602

0.8797

227.4759,
275.5324, 363.0519

■ 0.0000, 0.0000,
0.0000

■ 25.8577, 36.1352,
56.6509

■ 25.8577, 36.1352,
56.6509

■ 25.8576, 36.1349,
56.6515

■ 26.4379, 36.8838,
56.7655

■ 27.2970, 37.7804,
56.8933

■ 28.5342, 38.8768,
57.0397

■ 30.2001, 40.1990,
57.2071

■ 32.3373, 41.7692,
57.3975

■ 34.9833, 43.6066,
57.6127

■ 38.1719, 45.7286,
57.8543

■ 41.9338, 48.1512,
58.1236

■ 46.2976, 50.8890,
58.4221

Harmonies

Analogous

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



24.7032, 36.1352, 39.2320



25.8577, 36.1352, 56.6509



29.2293, 36.1352, 72.2816

Triad

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



25.8577, 36.1352, 56.6509



44.4658, 36.1352, 56.9012



34.3850, 36.1352, 15.9393

Complementary

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



25.8577, 36.1352, 56.6509



22.4201, 11.8124, 1.0996

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.



40.0262, 36.1352, 18.3326



25.8577, 36.1352, 56.6509



46.2176, 36.1352, 39.4584

Square

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



25.8577, 36.1352, 56.6509



39.9504, 36.1352, 72.4515



44.5128, 36.1352, 25.9801



29.2908, 36.1352, 18.2647

Rectangle

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



25.8577, 36.1352, 56.6509



32.4801, 36.1352, 77.9484



44.5128, 36.1352, 25.9801



36.2808, 36.1352, 16.2068

Sweetspot

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



25.8588, 36.1365, 56.6518



68.8453, 82.6436, 104.7931



19.3651, 38.6134, 6.8123



14.5099, 17.7242, 22.9063



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.



25.8588, 36.1365, 56.6518



46.7606, 65.2939, 102.6082



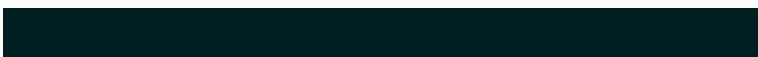
12.9157, 10.2502, 52.3374



10.2998, 11.2908, 12.9213



17.0277, 23.8119, 37.2553



0.7559, 1.0692, 1.6164

Inverse Universe

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



30.3858, 14.7252, 43.8898



55.0057, 26.6586, 79.2834



27.8195, 22.6112, 2.8994



10.4626, 10.2336, 12.5266



19.9908, 9.6861, 28.9272



0.8739, 0.4226, 1.3034

Previews

White Background



This preview shows how the XYZ color 25.8577, 36.1352, 56.6509 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 25.8577, 36.1352, 56.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

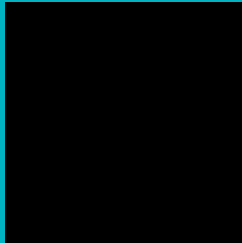
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

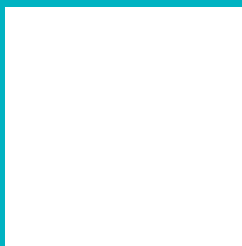
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8577, 36.1352, 56.6509

Background



This preview shows how black text looks on a background with the XYZ color 25.8577, 36.1352, 56.6509.



This preview shows how white text looks on a background with the XYZ color 25.8577, 36.1352,

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

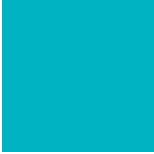
25.8577, 36.1352, 56.6509

Protanopia

35.0118, 35.7469, 48.7706

Deuteranopia

36.4403, 35.7453, 59.0118



Tritanopia

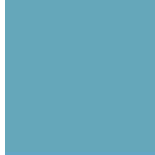
25.8577, 36.1352, 56.6509

Trichromacy



Original Color

25.8577, 36.1352, 56.6509



Protanomaly

28.0485, 33.9493, 51.5289



Deuteranomaly

28.9698, 34.0130, 57.8616



Tritanomaly

25.8577, 36.1352, 56.6509

Monochromacy



Original Color

25.8577, 36.1352, 56.6509



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.2581, 24.5415, 33.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8577, 36.1352, 56.6509 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, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 194)  
}
```

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, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.8577, 36.1352, 56.6509 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, 179, 194) }
```


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

```
.border{ border-color:rgb(0, 179, 194) }
```

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

Here you see how a box with a 4 pixel rgb(0, 179, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8577, 36.1352, 56.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 194) }
```

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

```
.background{ background-color: rgb(0, 179,  
194) }
```

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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