

Converting Colors

XYZ(13.5086, 29.6966, 53.2226)

Have a look what the booklet for
XYZ(13.5086, 29.6966, 53.2226)
contains.

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Color

**XYZ(25.3054, 35.9143,
53.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	00B3BD
RGB	0, 179, 189
RGB Percent	0%, 70%, 74%
CMY	0.9998, 0.2980, 0.2588
CMYK	1.00, 0.05, 0.00, 0.26
HSL	183°, 100%, 37%
HSV	183°, 100%, 74%
XYZ	25.3054, 35.9143, 53.7425
YIQ	126.6190, -109.8940, -34.8380

Conversions

Conversions Part 2

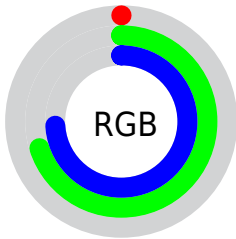
Format	Color
RYB	0, 92, 189
Decimal	46013
CIELab	66.45, -33.75, -15.90
CIELCh	66, 37.304, 205.220
Yxy	35.9143, 0.2201, 0.3124
Android (android.graphics.Color)	4278236093 (0xFF00B3BD)
YUV	126.6190, 30.7538, -111.0449
Hunter-Lab	59.9285, -29.5016, -11.2199

Details

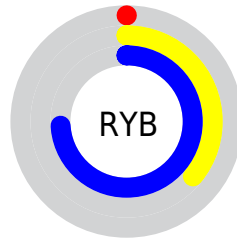
The XYZ color **25.3054, 35.9143, 53.7425** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.0957, 11.0370, 1.0196**, and the grayscale version is **19.9718, 21.0119, 22.8819**.

A 20% lighter version of the original color is **51.4453, 68.7186, 96.9388**, and **11.9048, 16.6993, 25.8884** is the 20% darker color. If you saturate the color by 10%, you get **25.3056, 35.9145, 53.7432**, and if you desaturate by 10%, it is **25.7746, 36.4556, 53.8229**.

Distribution



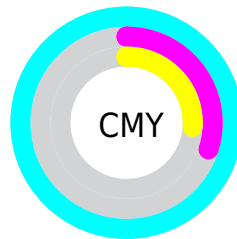
- Red (0%)
- Green (70%)
- Blue (74%)



- Red (0%)
- Yellow (36%)
- Blue (74%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3054, 35.9143, 53.7425 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 25.3054, 35.9143, 53.7425 by changing the saturation by 10% instead.

■ 25.3054, 35.9143,
53.7425

■ 25.3054, 35.9143,
53.7425

271.6751,
328.5858, 418.2741

■ 16.4347, 24.3680,
38.0041

■ 51.5916, 68.8998,
97.1486

■ 9.9251, 15.6068,
25.6840

■ 69.7377, 91.1077,
125.6534

■ 5.4112, 9.2464,
16.3637

■ 91.7064, 117.6384,
159.2507

■ 2.5277, 4.9022,
9.6248

■ 117.8630,
148.8761, 198.3591

■ 0.9092, 2.1900,
5.0486

■ 148.5728,
185.2054, 243.3971

■ 0.0000, 0.7145,
2.2165

184.2012,

■ 0.0000, 0.0000,

227.0104, 294.7833

0.6839

225.1135,
274.6758, 352.9361

■ 0.0000, 0.0000,
0.0000

■ 25.3054, 35.9143,
53.7425

■ 25.3054, 35.9143,
53.7425

■ 25.3056, 35.9145,
53.7432

■ 25.7746, 36.4556,
53.8229

■ 26.5033, 37.1320,
53.9151

■ 27.5865, 37.9934,
54.0243

■ 29.0715, 39.0641,
54.1527

■ 30.9982, 40.3647,
54.3021

■ 33.4019, 41.9133,
54.4744

■ 36.3140, 43.7263,
54.6708

■ 39.7636, 45.8185,
54.8928

■ 43.7773, 48.2037,
55.1417

Harmonies

Analogous

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



24.5054, 35.9143, 36.5949



25.3054, 35.9143, 53.7425



28.3638, 35.9143, 70.2296

Triad

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



25.3054, 35.9143, 53.7425



43.7469, 35.9143, 59.4241



35.0391, 35.9143, 15.7504

Complementary

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



25.3054, 35.9143, 53.7425



21.0957, 11.0370, 1.0196

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.



40.6413, 35.9143, 18.8783



25.3054, 35.9143, 53.7425



46.0063, 35.9143, 41.7264

Square

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



25.3054, 35.9143, 53.7425



38.9233, 35.9143, 74.0884



44.8123, 35.9143, 27.3998



29.7573, 35.9143, 17.3432

Rectangle

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



25.3054, 35.9143, 53.7425



31.4661, 35.9143, 77.0606



44.8123, 35.9143, 27.3998



36.9517, 35.9143, 16.2528

Sweetspot

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



25.3065, 35.9156, 53.7434



64.7539, 78.1385, 97.8955



18.2503, 36.4167, 6.3397



13.4319, 16.4984, 21.0191



90.7827, 95.5105, 104.0109



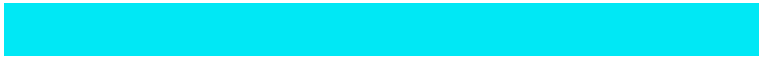
18.6292, 19.5994, 21.3438

Same Dimension

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



25.3065, 35.9156, 53.7434



45.2644, 64.2073, 96.2338



12.4401, 10.1828, 49.4546



9.7642, 10.7207, 12.2269



17.0442, 24.2001, 36.1657



0.6810, 0.9746, 1.4211

Inverse Universe

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



29.1239, 14.0746, 43.8308



52.1302, 25.1940, 78.3452



25.9339, 20.7133, 2.6323



9.9076, 9.6873, 11.9023



19.6039, 9.4727, 29.5373



0.7746, 0.3737, 1.1925

Previews

White Background



This preview shows how the XYZ color 25.3054, 35.9143, 53.7425 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 25.3054, 35.9143, 53.7425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

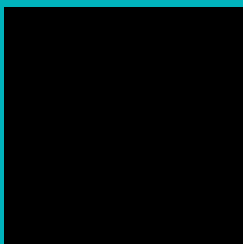
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

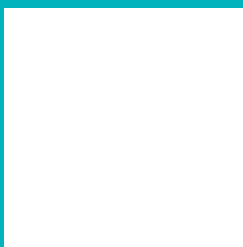
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3054, 35.9143, 53.7425

Background



This preview shows how black text looks on a background with the XYZ color 25.3054, 35.9143, 53.7425.

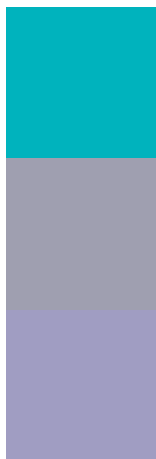


This preview shows how white text looks on a background with the XYZ color 25.3054, 35.9143,

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

25.3054, 35.9143, 53.7425

Protanopia

34.5327, 35.3018, 46.0682

Deuteranopia

36.2918, 35.4826, 55.9750



Tritanopia

25.8146, 35.8295, 56.0073

Trichromacy



Original Color

25.3054, 35.9143, 53.7425



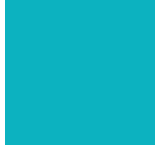
Protanomaly

27.3435, 33.3753, 48.7170



Deuteranomaly

28.4491, 33.5408, 54.8438



Tritanomaly

25.5864, 35.7247, 55.4162

Monochromacy



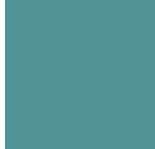
Original Color

25.3054, 35.9143, 53.7425



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.1772, 24.5091, 32.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3054, 35.9143, 53.7425 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 189) }
```

Border

The CSS property to change the border of an element to XYZ 25.3054, 35.9143, 53.7425 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, 189) }
```


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

```
.border{ border-color:rgb(0, 179, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3054, 35.9143, 53.7425 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, 189) }
```

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

```
.background{ background-color: rgb(0, 179,  
189) }
```

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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