

Converting Colors

XYZ(25.3072, 35.2992, 54.7698)

Have a look what the booklet for
XYZ(25.3072, 35.2992, 54.7698)
contains.

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Color

**XYZ(25.3072, 35.2992,
54.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	0EB1BF
RGB	14, 177, 191
RGB Percent	5%, 69%, 75%
CMY	0.9450, 0.3059, 0.2510
CMYK	0.93, 0.07, 0.00, 0.25
HSL	185°, 86%, 40%
HSV	185°, 93%, 75%
XYZ	25.3072, 35.2992, 54.7698
YIQ	129.8590, -101.6420, -30.2020

Conversions

Conversions Part 2

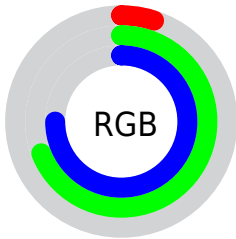
Format	Color
RYB	14, 99, 191
Decimal	963007
CIELab	65.98, -31.70, -17.71
CIELCh	66, 36.313, 209.194
Yxy	35.2992, 0.2193, 0.3059
Android (android.graphics.Color)	4279153087 (0xFF0EB1BF)
YUV	129.8590, 30.1425, -101.6083
Hunter-Lab	59.4131, -27.9404, -13.0671

Details

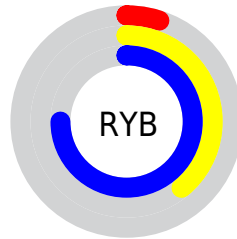
The XYZ color **25.3072, 35.2992, 54.7698** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.9816, 11.9403, 1.5628**, and the grayscale version is **21.0947, 22.1933, 24.1685**.

A 20% lighter version of the original color is **51.5209, 67.8768, 98.3818**, and **11.7951, 16.2503, 26.5597** is the 20% darker color. If you saturate the color by 10%, you get **24.9083, 34.7701, 54.6894**, and if you desaturate by 10%, it is **26.0583, 36.1326, 54.8917**.

Distribution



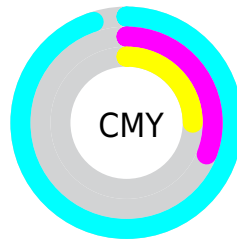
- Red (5%)
- Green (69%)
- Blue (75%)



- Red (5%)
- Yellow (39%)
- Blue (75%)



- Cyan (93%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3072, 35.2992, 54.7698 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 25.3072, 35.2992, 54.7698 by changing the saturation by 10% instead.

■ 25.3072, 35.2992,
54.7698

■ 25.3072, 35.2992,
54.7698

271.6839,
325.8870, 422.2961

■ 16.4360, 23.8934,
38.8201

■ 51.5945, 67.9490,
98.6714

■ 9.9260, 15.2546,
26.3130

■ 69.7413, 89.9619,
127.4603

■ 5.4118, 8.9983,
16.8301

■ 91.7107, 116.2792,
161.3660

■ 2.5281, 4.7400,
9.9528

■ 117.8680,
147.2854, 200.8072

■ 0.9094, 2.0956,
5.2625

■ 148.5786,
183.3649, 246.2022

■ 0.0000, 0.6621,
2.3406

184.2079,

■ 0.0000, 0.0000,

224.9021, 297.9696

0.7539

225.1212,
272.2813, 356.5281

■ 0.0000, 0.0000,
0.0000

■ 25.3072, 35.2992,
54.7698

■ 25.3072, 35.2992,
54.7698

■ 24.9083, 34.7701,
54.6894

■ 26.0583, 36.1326,
54.8917

■ 27.1584, 37.1502,
55.0302

■ 28.6600, 38.3796,
55.1883

■ 30.6057, 39.8430,
55.3682

■ 33.0329, 41.5595,
55.5716

■ 35.9749, 43.5464,
55.8001

■ 39.4619, 45.8193,
56.0550

■ 43.5221, 48.3926,
56.3377

■ 48.1813, 51.2799,
56.6494

Harmonies

Analogous

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



24.2349, 35.2992, 38.0195



25.3072, 35.2992, 54.7698



28.5276, 35.2992, 69.9047

Triad

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



25.3072, 35.2992, 54.7698



43.2419, 35.2992, 55.6891



33.6966, 35.2992, 15.7725

Complementary

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



25.3072, 35.2992, 54.7698



21.9816, 11.9403, 1.5628

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.



39.1317, 35.2992, 18.1932



25.3072, 35.2992, 54.7698



44.9922, 35.2992, 38.8531

Square

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



25.3072, 35.2992, 54.7698



38.8530, 35.2992, 70.5276



43.4145, 35.2992, 25.7210



28.7544, 35.2992, 17.9413

Rectangle

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



25.3072, 35.2992, 54.7698



31.6487, 35.2992, 75.4922



43.4145, 35.2992, 25.7210



35.5277, 35.2992, 16.0627

Sweetspot

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



25.3083, 35.3005, 54.7707



66.9377, 79.6407, 100.1233



18.9972, 37.4295, 7.1907



14.1281, 17.1127, 21.9437



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.3083, 35.3005, 54.7707



44.5266, 62.1050, 97.9198



13.3028, 11.2894, 50.7688



9.7423, 10.6769, 12.2196



16.3966, 22.9048, 35.9498



0.6616, 0.9359, 1.4146

Inverse Universe

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



29.5797, 14.5659, 42.8487



52.4549, 25.4273, 75.3849



27.6185, 23.2140, 3.4417



9.8965, 9.6829, 11.8441



19.2770, 9.3419, 27.8159



0.7649, 0.3698, 1.1410

Previews

White Background



This preview shows how the XYZ color 25.3072, 35.2992, 54.7698 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 25.3072, 35.2992, 54.7698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

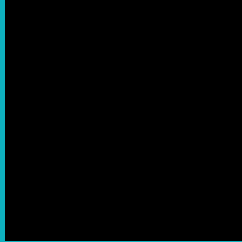
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3072, 35.2992, 54.7698

Background



This preview shows how black text looks on a background with the XYZ color 25.3072, 35.2992, 54.7698.

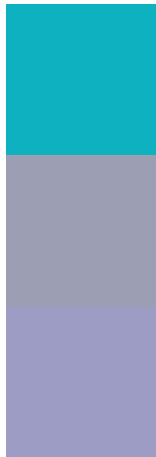


This preview shows how white text looks on a background with the XYZ color 25.3072, 35.2992,

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

25.3072, 35.2992, 54.7698

Protanopia

34.0738, 34.7763, 47.5644

Deuteranopia

35.5626, 34.8304, 57.0731



Tritanopia

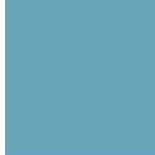
25.3231, 35.3074, 54.7706

Trichromacy



Original Color

25.3072, 35.2992, 54.7698



Protanomaly

27.7113, 33.2722, 49.7614



Deuteranomaly

28.7220, 33.3890, 55.9699



Tritanomaly

25.3231, 35.3074, 54.7706

Monochromacy



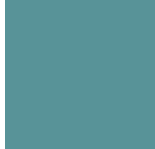
Original Color

25.3072, 35.2992, 54.7698



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

20.1257, 25.2091, 33.5109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3072, 35.2992, 54.7698 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(14, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(14, 177, 191)  
}
```

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(14, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 177, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.3072, 35.2992, 54.7698 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(14, 177, 191) }
```


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

```
.border{ border-color:rgb(14, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(14, 177,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3072, 35.2992, 54.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 177, 191) }
```

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

```
.background{ background-color: rgb(14, 177,  
191) }
```

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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