

Converting Colors

XYZ(32.0214, 48.3349, 59.0993)

Have a look what the booklet for
XYZ(32.0214, 48.3349, 59.0993)
contains.

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Color

**XYZ(32.1632, 48.5658,
59.3087)**

Conversions

Conversions Part 1

Format	Color
Hex	00CFC3
RGB	0, 207, 195
RGB Percent	0%, 81%, 76%
CMY	0.9998, 0.1882, 0.2353
CMYK	1.00, 0.00, 0.06, 0.19
HSL	177°, 100%, 41%
HSV	177°, 100%, 81%
XYZ	32.1632, 48.5658, 59.3087
YIQ	143.7390, -119.5200, -47.6160

Conversions

Conversions Part 2

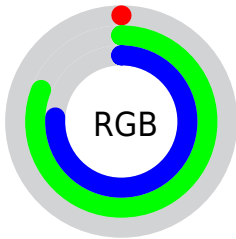
Format	Color
RYB	0, 107, 207
Decimal	53187
CIELab	75.18, -44.59, -6.13
CIELCh	75, 45.012, 187.826
Yxy	48.5658, 0.2297, 0.3468
Android (android.graphics.Color)	4278243267 (0xFF00CFC3)
YUV	143.7390, 25.2717, -126.0591
Hunter-Lab	69.6892, -39.5741, -1.6761

Details

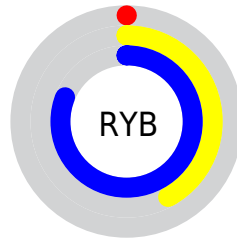
The XYZ color **32.1632, 48.5658, 59.3087** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **25.8001, 13.2935, 1.5554**, and the grayscale version is **26.3465, 27.7185, 30.1855**.

A 20% lighter version of the original color is **59.1164, 81.5492, 103.8916**, and **16.0360, 24.3796, 29.0598** is the 20% darker color. If you saturate the color by 10%, you get **32.1638, 48.5672, 59.3082**, and if you desaturate by 10%, it is **32.6043, 48.7785, 60.0419**.

Distribution



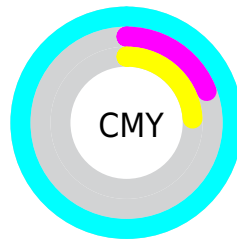
- Red (0%)
- Green (81%)
- Blue (76%)



- Red (0%)
- Yellow (42%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1632, 48.5658, 59.3087 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 32.1632, 48.5658, 59.3087 by changing the saturation by 10% instead.


 32.1632, 48.5658,
59.3087


 32.1632, 48.5658,
59.3087


303.5941,
381.0305, 439.7786


 21.6423, 34.2752,
42.4400


 62.4303, 88.0462,
105.3597


 13.7095, 23.1051,
29.1179


 82.9073, 114.0048,
135.3792

 7.9992, 14.6711,
18.9237


 107.4336,
144.6215, 170.6193

 4.1462, 8.5889,
11.4389

 136.3748,
180.2807, 211.4986

 1.7852, 4.4740,
6.2450

 170.0960,
221.3668, 258.4356

 0.5087, 1.9421,
2.9234

208.9628,

 0.0000, 0.5735,

268.2642, 311.8489

1.0557

253.3403,
321.3573, 372.1571

■ 0.0000, 0.0000,
0.0000

■ 32.1632, 48.5658,
59.3087

■ 32.1632, 48.5658,
59.3087

■ 32.1638, 48.5672,
59.3082

■ 32.6043, 48.7785,
60.0419

■ 33.3702, 49.1575,
60.7949

■ 34.5721, 49.7611,
61.5740

■ 36.2697, 50.6201,
62.3821

■ 38.5132, 51.7604,
63.2215

■ 41.3465, 53.2047,
64.0942

■ 44.8093, 54.9733,
65.0022

■ 48.9377, 57.0849,
65.9471

■ 53.7651, 59.5568,
66.9305

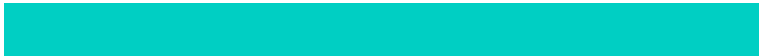
Harmonies

Analogous

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



32.9758, 48.5658, 37.5221



32.1632, 48.5658, 59.3087



34.7318, 48.5658, 85.9131

Triad

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



32.1632, 48.5658, 59.3087



56.5859, 48.5658, 97.4843



52.4089, 48.5658, 20.9841

Complementary

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



32.1632, 48.5658, 59.3087



25.8001, 13.2935, 1.5554

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.



59.8555, 48.5658, 29.6291



32.1632, 48.5658, 59.3087



62.4603, 48.5658, 71.9430

Square

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



32.1632, 48.5658, 59.3087



48.3537, 48.5658, 111.8507



63.7231, 48.5658, 46.9333



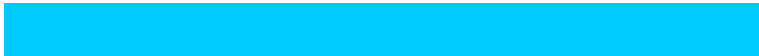
44.0344, 48.5658, 19.4380

Rectangle

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



32.1632, 48.5658, 59.3087



38.2194, 48.5658, 101.3973



63.7231, 48.5658, 46.9333



55.1314, 48.5658, 22.9980

Sweetspot

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



32.1646, 48.5676, 59.3099



71.5789, 87.9818, 104.1162



22.4925, 44.7193, 7.4475



14.7904, 18.5607, 22.1509



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.



32.1646, 48.5676, 59.3099



51.5197, 77.8239, 94.9097



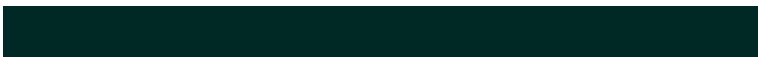
17.6623, 17.3031, 61.4424



12.1275, 13.3948, 15.0280



20.2762, 30.6034, 37.4304



1.1429, 1.7148, 2.1414

Inverse Universe

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



25.8001, 13.2935, 1.5554



41.3247, 21.2939, 2.3761



29.3665, 20.5324, 2.4167



11.8361, 11.8192, 12.4129



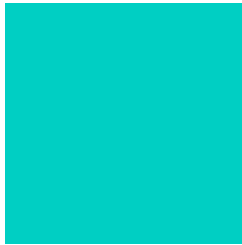
16.2659, 8.3792, 1.0403



0.9195, 0.4725, 0.1107

Previews

White Background



This preview shows how the XYZ color 32.1632, 48.5658, 59.3087 looks on a white background.

Color Contrast Check

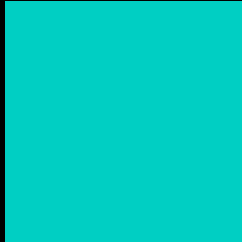
Large Text (above 18pt) WCAG AA × Fail

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 32.1632, 48.5658, 59.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

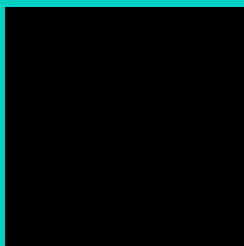
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

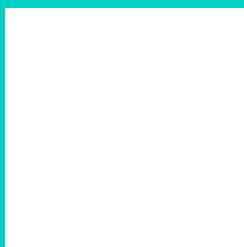
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1632, 48.5658, 59.3087

Background



This preview shows how black text looks on a background with the XYZ color 32.1632, 48.5658, 59.3087.

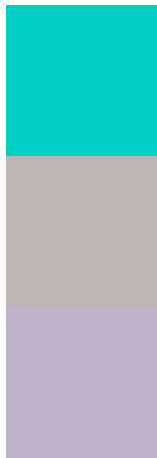


This preview shows how white text looks on a background with the XYZ color 32.1632, 48.5658,

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

32.1632, 48.5658, 59.3087

Protanopia

45.7675, 47.7680, 50.5240

Deuteranopia

48.6550, 47.7947, 61.9192



Tritanopia

35.4465, 48.4835, 75.2002

Trichromacy



Original Color

32.1632, 48.5658, 59.3087



Protanomaly

35.3203, 45.1664, 53.3108



Deuteranomaly

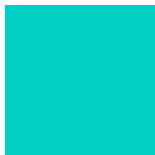
36.6748, 44.7297, 60.7336



Tritanomaly

33.8862, 48.1649, 69.1388

Monochromacy



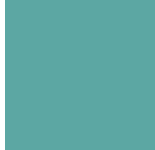
Original Color

32.1632, 48.5658, 59.3087



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.8432, 32.5571, 39.6251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1632, 48.5658, 59.3087 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, 207, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 195)  
}
```

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, 207, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.1632, 48.5658, 59.3087 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, 207, 195) }
```


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

```
.border{ border-color:rgb(0, 207, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 207, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 207, 195); box-shadow:4px 4px 4px 4px rgb(0, 207, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1632, 48.5658, 59.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 195) }
```

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

```
.background{ background-color: rgb(0, 207,  
195) }
```

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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