

Converting Colors

XYZ(20.2289, 33.6082, 58.5176)

Have a look what the booklet for
XYZ(20.2289, 33.6082, 58.5176)
contains.

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Color

**XYZ(26.3993, 36.6737,
58.5107)**

Conversions

Conversions Part 1

Format	Color
Hex	00B4C5
RGB	0, 180, 197
RGB Percent	0%, 71%, 77%
CMY	0.9998, 0.2941, 0.2274
CMYK	1.00, 0.09, 0.00, 0.23
HSL	185°, 100%, 39%
HSV	185°, 100%, 77%
XYZ	26.3993, 36.6737, 58.5107
YIQ	128.1180, -112.7370, -32.8730

Conversions

Conversions Part 2

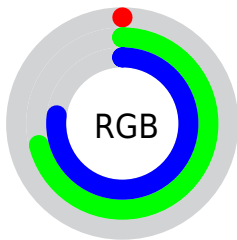
Format	Color
RYB	0, 94, 197
Decimal	46277
CIELab	67.03, -31.67, -19.44
CIElCh	67, 37.159, 211.549
Yxy	36.6737, 0.2171, 0.3016
Android (android.graphics.Color)	4278236357 (0xFF00B4C5)
YUV	128.1180, 33.9588, -112.3595
Hunter-Lab	60.5588, -28.1647, -14.8936

Details

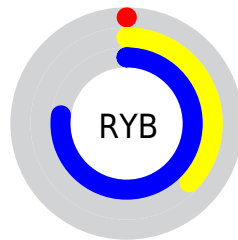
The XYZ color **26.3993, 36.6737, 58.5107** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **23.2276, 12.2728, 1.1459**, and the grayscale version is **20.4776, 21.5440, 23.4614**.

A 20% lighter version of the original color is **53.3643, 69.9714, 104.4592**, and **12.5473, 17.1619, 28.6379** is the 20% darker color. If you saturate the color by 10%, you get **26.3992, 36.6732, 58.5113**, and if you desaturate by 10%, it is **27.0286, 37.5115, 58.6400**.

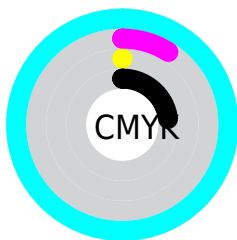
Distribution



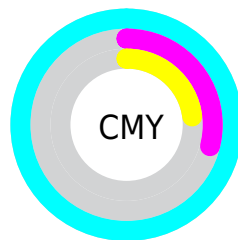
- Red (0%)
- Green (71%)
- Blue (77%)



- Red (0%)
- Yellow (37%)
- Blue (77%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3993, 36.6737, 58.5107 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 26.3993, 36.6737, 58.5107 by changing the saturation by 10% instead.

■ 26.3993, 36.6737,
58.5107

■ 26.3993, 36.6737,
58.5107

276.9576,
331.8957, 436.7375

■ 17.2568, 24.9550,
41.8019

■ 53.3451, 70.0706,
104.1883

■ 10.5142, 16.0435,
28.6218

■ 71.8792, 92.5176,
133.9942

■ 5.8061, 9.5549,
18.5518

■ 94.2746, 119.3095,
169.0029

■ 2.7671, 5.1049,
11.1734

■ 120.8965,
150.8306, 209.6330

■ 1.0318, 2.3089,
6.0679

■ 152.1105,
187.4654, 256.3030

■ 0.0000, 0.7784,
2.8170

188.2817,

■ 0.0000, 0.0000,

229.5982, 309.4313

1.0020

229.7757,
277.6135, 369.4367

■ 0.0000, 0.0000,
0.0000

■ 26.3993, 36.6737,
58.5107

■ 26.3993, 36.6737,
58.5107

■ 26.3992, 36.6732,
58.5113

■ 27.0286, 37.5115,
58.6400

■ 27.9485, 38.5047,
58.7832

■ 29.2609, 39.7066,
58.9460

■ 31.0183, 41.1442,
59.1308

■ 33.2651, 42.8403,
59.3398

■ 36.0403, 44.8153,
59.5747

■ 39.3788, 47.0870,
59.8373

■ 43.3128, 49.6721,
60.1289

■ 47.8717, 52.5858,
60.4510

Harmonies

Analogous

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



25.0914, 36.6737, 40.7781



26.3993, 36.6737, 58.5107



29.9365, 36.6737, 73.9844

Triad

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



26.3993, 36.6737, 58.5107



45.3012, 36.6737, 56.6522



34.5645, 36.6737, 16.2159

Complementary

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



26.3993, 36.6737, 58.5107



23.2276, 12.2728, 1.1459

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.



40.2897, 36.6737, 18.3570



26.3993, 36.6737, 58.5107



46.8760, 36.6737, 39.0966

Square

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



26.3993, 36.6737, 58.5107



40.8523, 36.6737, 72.7234



44.9525, 36.6737, 25.7714



29.4794, 36.6737, 18.8623

Rectangle

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



26.3993, 36.6737, 58.5107



33.2859, 36.6737, 79.2608



44.9525, 36.6737, 25.7714



36.4773, 36.6737, 16.3955

Sweetspot

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



26.4005, 36.6750, 58.5116



70.2148, 84.1237, 107.1445



20.0641, 39.9721, 7.1662



14.4584, 17.6212, 22.8891



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.



26.4005, 36.6750, 58.5116



47.1866, 65.4931, 104.7622



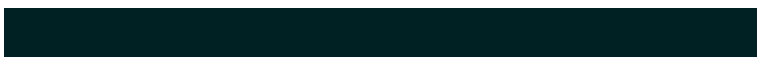
13.1043, 10.0826, 54.0795



10.8654, 11.9049, 13.6427



17.3944, 24.1827, 38.4953



0.8472, 1.1922, 1.8306

Inverse Universe

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



31.2652, 15.1668, 44.4609



55.9468, 27.1427, 79.3749



29.1499, 24.1174, 3.1200



11.0421, 10.8002, 13.2050



20.5792, 9.9813, 29.3237



0.9863, 0.4774, 1.4512

Previews

White Background



This preview shows how the XYZ color 26.3993, 36.6737, 58.5107 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 26.3993, 36.6737, 58.5107 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

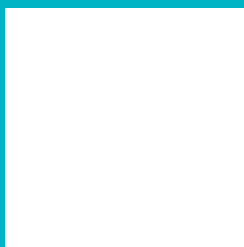
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3993, 36.6737, 58.5107

Background



This preview shows how black text looks on a background with the XYZ color 26.3993, 36.6737, 58.5107.

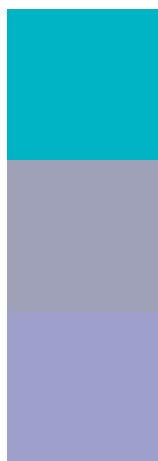


This preview shows how white text looks on a background with the XYZ color 26.3993, 36.6737,

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

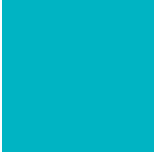
26.3993, 36.6737, 58.5107

Protanopia

35.4971, 36.2195, 50.4676

Deuteranopia

37.1594, 36.3296, 60.9309



Tritanopia

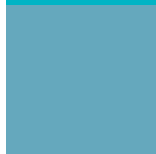
26.1716, 36.5826, 57.3115

Trichromacy



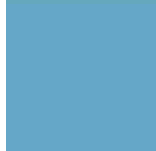
Original Color

26.3993, 36.6737, 58.5107



Protanomaly

28.5548, 34.4461, 53.2879



Deuteranomaly

29.6109, 34.5743, 59.7564



Tritanomaly

26.2851, 36.6280, 57.9091

Monochromacy



Original Color

26.3993, 36.6737, 58.5107



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.5768, 24.9167, 33.9146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3993, 36.6737, 58.5107 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, 180, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 197)  
}
```

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, 180, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 197) }
```

Border

The CSS property to change the border of an element to XYZ 26.3993, 36.6737, 58.5107 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, 180, 197) }
```


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

```
.border{ border-color:rgb(0, 180, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3993, 36.6737, 58.5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 197) }
```

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

```
.background{ background-color: rgb(0, 180,  
197) }
```

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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