

Converting Colors

XYZ(25.6693, 44.7180, 81.8862)

Have a look what the booklet for
XYZ(25.6693, 44.7180, 81.8862)
contains.

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Color

**XYZ(36.5958, 50.3388,
82.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	00CFE6
RGB	0, 207, 230
RGB Percent	0%, 81%, 90%
CMY	0.9997, 0.1882, 0.0980
CMYK	1.00, 0.10, 0.00, 0.10
HSL	186°, 100%, 45%
HSV	186°, 100%, 90%
XYZ	36.5958, 50.3388, 82.6505
YIQ	147.7290, -130.7550, -36.7310

Conversions

Conversions Part 2

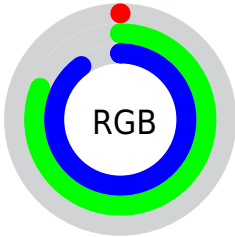
Format	Color
RYB	0, 109, 230
Decimal	53222
CIELab	76.28, -34.00, -23.34
CIElCh	76, 41.240, 214.476
Yxy	50.3388, 0.2158, 0.2968
Android (android.graphics.Color)	4278243302 (0xFF00CFE6)
YUV	147.7290, 40.5596, -129.5583
Hunter-Lab	70.9498, -32.0922, -19.4029

Details

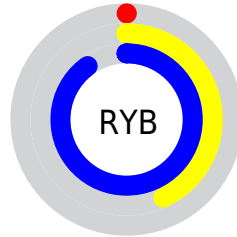
The XYZ color **36.5958, 50.3388, 82.6505** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **32.9416, 17.4387, 1.6317**, and the grayscale version is **27.9198, 29.3738, 31.9881**.

A 20% lighter version of the original color is **60.3655, 82.1195, 107.2768**, and **18.8682, 25.5125, 43.9743** is the 20% darker color. If you saturate the color by 10%, you get **36.5950, 50.3370, 82.6512**, and if you desaturate by 10%, it is **37.5129, 51.6460, 82.8555**.

Distribution



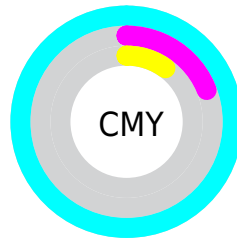
- Red (0%)
- Green (81%)
- Blue (90%)



- Red (0%)
- Yellow (43%)
- Blue (90%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)





- Cyan (100%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5958, 50.3388, 82.6505 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 36.5958, 50.3388, 82.6505 by changing the saturation by 10% instead.


 36.5958, 50.3388,
82.6505


 36.5958, 50.3388,
82.6505


322.9432,
387.9894, 523.7614


 25.0669, 35.6827,
61.3629


 69.2686, 90.6767,
138.9307

 16.2559, 24.1892,
44.0857


 91.1432, 117.1272,
174.7604


 9.7974, 15.4740,
30.4002


 117.1970,
148.2779, 216.2746

 5.3261, 9.1528,
19.8879

 147.7956,
184.5134, 263.8918

 2.4765, 4.8410,
12.1303

 183.3041,
226.2178, 318.0305

 0.8834, 2.1542,
6.7089

224.0880,

 0.0000, 0.6949,

273.7757, 379.1094

3.2050

270.5126,
327.5714, 447.5468

■ 0.0000, 0.0000,
1.2003

■ 0.0000, 0.0000,
0.0000

■ 36.5958, 50.3388,
82.6505

■ 36.5958, 50.3388,
82.6505

■ 36.5950, 50.3370,
82.6512

■ 37.5129, 51.6460,
82.8555

■ 38.8574, 53.1847,
83.0816

■ 40.7644, 55.0256,
83.3364

■ 43.3118, 57.2087,
83.6235

■ 46.5648, 59.7679,
83.9460

■ 50.5806, 62.7327,
84.3066

■ 55.4107, 66.1295,
84.7077

■ 61.1017, 69.9826,
85.1515

■ 67.6970, 74.3143,
85.6400

Harmonies

Analogous

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



34.4893, 50.3388, 58.2046



36.5958, 50.3388, 82.6505



41.7151, 50.3388, 102.9712

Triad

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



36.5958, 50.3388, 82.6505



62.5713, 50.3388, 75.3032



46.6934, 50.3388, 22.3532

Complementary

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



36.5958, 50.3388, 82.6505



32.9416, 17.4387, 1.6317

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.



54.5489, 50.3388, 24.6433



36.5958, 50.3388, 82.6505



64.2690, 50.3388, 51.5508

Square

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



36.5958, 50.3388, 82.6505



56.7740, 50.3388, 97.9890



61.1925, 50.3388, 34.0505



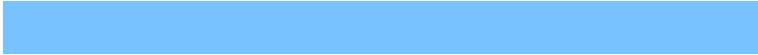
39.9059, 50.3388, 26.6476

Rectangle

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



36.5958, 50.3388, 82.6505



46.4272, 50.3388, 109.1215



61.1925, 50.3388, 34.0505



49.2924, 50.3388, 22.3906

Sweetspot

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



36.5974, 50.3406, 82.6517



69.8924, 83.4790, 107.0371



28.4533, 56.6569, 10.2500



14.3801, 17.4647, 22.8631



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.



36.5974, 50.3406, 82.6517



46.2063, 63.5325, 104.4354



18.1146, 13.3749, 76.4908



14.6778, 16.0770, 18.4739



20.7693, 28.6007, 46.8090



1.5706, 2.1851, 3.4710

Inverse Universe

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



43.8971, 21.3298, 60.8366



55.4520, 26.9448, 76.7693



41.7263, 35.0081, 4.5599



14.9297, 14.5891, 17.8302



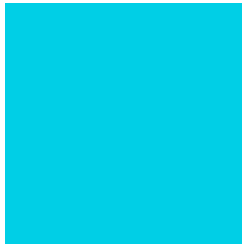
24.8769, 12.0850, 34.5762



1.8564, 0.9003, 2.6503

Previews

White Background



This preview shows how the XYZ color 36.5958, 50.3388, 82.6505 looks on a white background.

Color Contrast Check

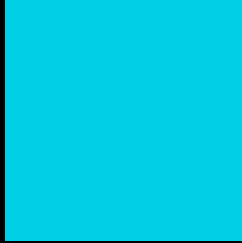
Large Text (above 18pt) WCAG AA × Fail

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 36.5958, 50.3388, 82.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

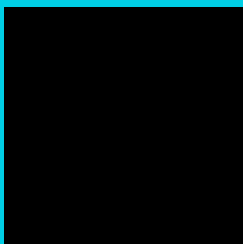
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

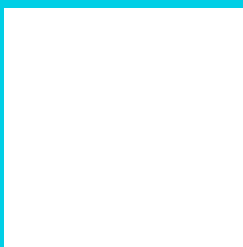
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5958, 50.3388, 82.6505

Background



This preview shows how black text looks on a background with the XYZ color 36.5958, 50.3388, 82.6505.



This preview shows how white text looks on a background with the XYZ color 36.5958, 50.3388,

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

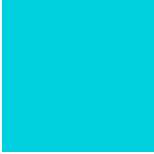
36.5958, 50.3388, 82.6505

Protanopia

48.6708, 49.4280, 71.2653

Deuteranopia

50.7513, 49.5684, 85.4900



Tritanopia

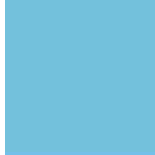
36.0104, 50.4936, 78.3693

Trichromacy



Original Color

36.5958, 50.3388, 82.6505



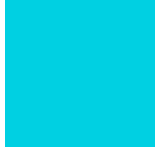
Protanomaly

39.0585, 46.9521, 74.7142



Deuteranomaly

40.6278, 47.2273, 84.0653



Tritanomaly

36.2833, 50.6027, 79.8065

Monochromacy



Original Color

36.5958, 50.3388, 82.6505



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.8399, 33.9700, 47.2617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5958, 50.3388, 82.6505 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 230) }
```

Border

The CSS property to change the border of an element to XYZ 36.5958, 50.3388, 82.6505 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, 230) }
```


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

```
.border{ border-color:rgb(0, 207, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5958, 50.3388, 82.6505 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, 230) }
```

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

```
.background{ background-color: rgb(0, 207,  
230) }
```

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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