

Converting Colors

XYZ(36.6283, 44.9129, 53.3670)

Have a look what the booklet for
XYZ(36.6283, 44.9129, 53.3670)
contains.

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Color

**XYZ(36.5762, 44.8459,
53.1827)**

Conversions

Conversions Part 1

Format	Color
Hex	84BDBA
RGB	132, 189, 186
RGB Percent	52%, 74%, 73%
CMY	0.4823, 0.2588, 0.2706
CMYK	0.30, 0.00, 0.02, 0.26
HSL	177°, 30%, 63%
HSV	177°, 30%, 74%
XYZ	36.5762, 44.8459, 53.1827
YIQ	171.6150, -33.0090, -13.0170

Conversions

Conversions Part 2

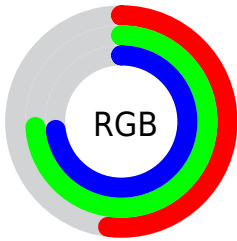
Format	Color
RYB	132, 161, 189
Decimal	8699322
CIELab	72.79, -19.03, -4.42
CIELCh	73, 19.540, 193.075
Yxy	44.8459, 0.2717, 0.3332
Android (android.graphics.Color)	4286889402 (0xFF84BDBA)
YUV	171.6150, 7.0918, -34.7424
Hunter-Lab	66.9671, -19.6989, -0.2089

Details

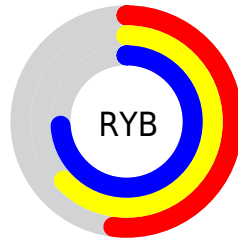
The XYZ color **36.5762, 44.8459, 53.1827** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.6122, 29.0718, 26.7632**, and the grayscale version is **38.9965, 41.0273, 44.6788**.

A 20% lighter version of the original color is **69.1729, 82.2804, 96.2403**, and **16.3461, 21.0072, 25.3836** is the 20% darker color. If you saturate the color by 10%, you get **33.7791, 43.4173, 52.5022**, and if you desaturate by 10%, it is **39.9121, 46.5545, 53.8942**.

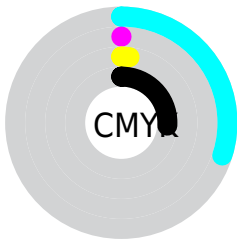
Distribution



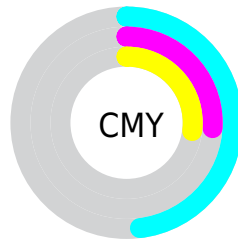
- Red (52%)
- Green (74%)
- Blue (73%)



- Red (52%)
- Yellow (63%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5762, 44.8459, 53.1827 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 36.5762, 44.8459, 53.1827 by changing the saturation by 10% instead.

■ 36.5762, 44.8459,
53.1827

■ 36.5762, 44.8459,
53.1827

322.8595,
366.1491, 416.0718

■ 25.0517, 31.3361,
37.5599

■ 69.2386, 82.4891,
96.3174

■ 16.2445, 20.8549,
25.3421

■ 91.1071, 107.3913,
124.6664

■ 9.7893, 13.0180,
16.1108

■ 117.1545,
136.8597, 158.0946

■ 5.3207, 7.4409,
9.4474

147.7459,
171.2787, 197.0205

■ 2.4733, 3.7393,
4.9334

183.2467,
211.0328, 241.8626

■ 0.8818, 1.5289,
2.1502

224.0224,

■ 0.0000, 0.3089,

256.5063, 293.0395

0.6454

270.4382,
308.0836, 350.9698

■ 0.0000, 0.0000,
0.0000

■ 36.5762, 44.8459,
53.1827

■ 36.5762, 44.8459,
53.1827

■ 33.7791, 43.4173,
52.5022

■ 39.9121, 46.5545,
53.8942

■ 31.4880, 42.2482,
51.8482

■ 43.8096, 48.5514,
54.6350

■ 29.6724, 41.3243,
51.2203

■ 48.2951, 50.8513,
55.4070

■ 28.2972, 40.6273,
50.6168

■ 53.3919, 53.4663,
56.2116

■ 27.3223, 40.1366,
50.0359

■ 59.1224, 56.4078,
57.0497

■ 26.7003, 39.8277,
49.4753

■ 65.5074, 59.6867,
57.9224

■ 26.3400, 39.6534,
48.9391

■ 69.0607, 61.5057,
58.6664

■ 69.1721, 61.5503,
59.2532

■ 69.2843, 61.5951,
59.8440

Harmonies

Analogous

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



36.6788, 44.8459, 43.5859



36.5762, 44.8459, 53.1827



38.0313, 44.8459, 62.7448

Triad

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



36.5762, 44.8459, 53.1827



47.2408, 44.8459, 63.8007



44.5538, 44.8459, 33.0370

Complementary

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



36.5762, 44.8459, 53.1827



33.6122, 29.0718, 26.7632

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.



47.5738, 44.8459, 37.1407



36.5762, 44.8459, 53.1827



49.1807, 44.8459, 54.4778

Square

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



36.5762, 44.8459, 53.1827



44.1187, 44.8459, 69.4011



49.3057, 44.8459, 44.7207



41.1647, 44.8459, 32.7870

Rectangle

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



36.5762, 44.8459, 53.1827



39.7361, 44.8459, 67.4697



49.3057, 44.8459, 44.7207



45.6500, 44.8459, 33.9838

Sweetspot

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



36.5775, 44.8477, 53.1837



79.2264, 87.3448, 97.9848



32.4846, 43.2805, 28.4724



16.8013, 18.6621, 21.0287



90.7827, 95.5105, 104.0109



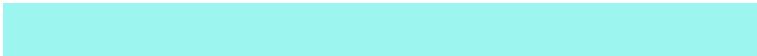
18.6292, 19.5994, 21.3438

Same Dimension

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



36.5775, 44.8477, 53.1837



62.1843, 78.6197, 94.4589



32.0315, 35.2395, 53.2599



9.7863, 10.8006, 12.1241



17.7306, 26.6825, 32.9740



0.7012, 1.0479, 1.3269

Inverse Universe

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



33.6122, 29.0718, 26.7632



56.0487, 45.9639, 39.7814



37.1589, 36.4988, 26.9171



9.5500, 9.5443, 10.0193



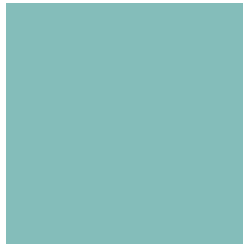
14.1659, 7.2975, 0.9011



0.5619, 0.2887, 0.0724

Previews

White Background



This preview shows how the XYZ color 36.5762, 44.8459, 53.1827 looks on a white background.

Color Contrast Check

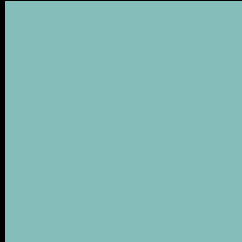
Large Text (above 18pt) WCAG AA × Fail

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 36.5762, 44.8459, 53.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

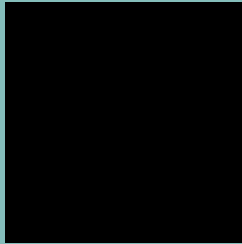
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5762, 44.8459, 53.1827

Background



This preview shows how black text looks on a background with the XYZ color 36.5762, 44.8459, 53.1827.

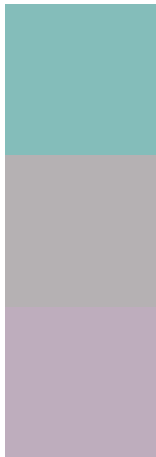


This preview shows how white text looks on a background with the XYZ color 36.5762, 44.8459,

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

36.5762, 44.8459, 53.1827

Protanopia

42.9149, 44.5227, 48.9797

Deuteranopia

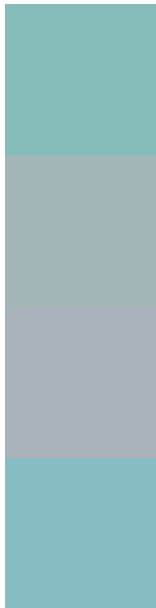
45.3641, 44.5084, 54.3442



Tritanopia

38.5843, 45.0392, 62.5369

Trichromacy



Original Color

36.5762, 44.8459, 53.1827

Protanomaly

40.0716, 44.2117, 50.6777

Deuteranomaly

41.5594, 44.3061, 53.9385

Tritanomaly

37.9387, 45.1029, 58.9307

Monochromacy



Original Color

36.5762, 44.8459, 53.1827

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.7608, 42.1832, 47.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5762, 44.8459, 53.1827 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(132, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 186)  
}
```

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(132, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.5762, 44.8459, 53.1827 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(132, 189, 186) }
```


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

```
.border{ border-color:rgb(132, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5762, 44.8459, 53.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 186) }
```

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

```
.background{ background-color: rgb(132,  
189, 186) }
```

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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