

Converting Colors

XYZ(36.2062, 44.3182, 57.6871)

Have a look what the booklet for
XYZ(36.2062, 44.3182, 57.6871)
contains.

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Color

**XYZ(36.1783, 44.2215,
57.6677)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBCC2
RGB	125, 188, 194
RGB Percent	49%, 74%, 76%
CMY	0.5098, 0.2627, 0.2392
CMYK	0.36, 0.03, 0.00, 0.24
HSL	185°, 36%, 63%
HSV	185°, 36%, 76%
XYZ	36.1783, 44.2215, 57.6677
YIQ	169.8470, -39.4740, -11.4900

Conversions

Conversions Part 2

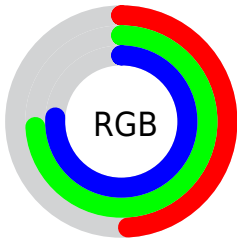
Format	Color
RYB	125, 158, 194
Decimal	8240322
CIELab	72.38, -18.57, -9.44
CIELCh	72, 20.835, 206.950
Yxy	44.2215, 0.2620, 0.3203
Android (android.graphics.Color)	4286430402 (0xFF7DBCC2)
YUV	169.8470, 11.9074, -39.3308
Hunter-Lab	66.4992, -19.2624, -4.8664

Details

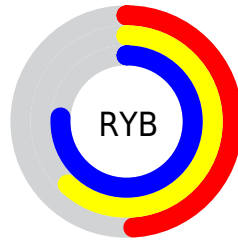
The XYZ color **36.1783, 44.2215, 57.6677** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0667, 29.1831, 23.2405**, and the grayscale version is **38.0901, 40.0737, 43.6403**.

A 20% lighter version of the original color is **68.4284, 81.3068, 102.5297**, and **16.0701, 20.5991, 27.9400** is the 20% darker color. If you saturate the color by 10%, you get **33.2603, 42.1866, 57.4295**, and if you desaturate by 10%, it is **39.6563, 46.5535, 57.9353**.

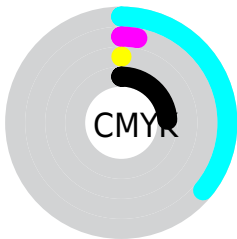
Distribution



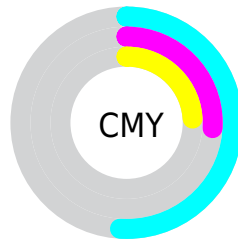
- Red (49%)
- Green (74%)
- Blue (76%)



- Red (49%)
- Yellow (62%)
- Blue (76%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1783, 44.2215, 57.6677 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 36.1783, 44.2215, 57.6677 by changing the saturation by 10% instead.

■ 36.1783, 44.2215,
57.6677

■ 36.1783, 44.2215,
57.6677

321.1568,
363.6114, 433.5102

■ 24.7427, 30.8447,
41.1286

■ 68.6293, 81.5509,
102.9488

■ 16.0132, 20.4806,
28.0991

■ 90.3753, 106.2724,
132.5279

■ 9.6244, 12.7449,
18.1607

■ 116.2888,
135.5441, 167.2907

■ 5.2110, 7.2531,
10.8948

146.7353,
169.7505, 207.6559

■ 2.4076, 3.6209,
5.8829

182.0799,
209.2761, 254.0418

■ 0.8489, 1.4638,
2.7063

222.6882,

■ 0.0000, 0.2631,

254.5052, 306.8672

0.9466

268.9254,
305.8221, 366.5505

■ 0.0000, 0.0000,
0.0000

■ 36.1783, 44.2215,
57.6677

■ 36.1783, 44.2215,
57.6677

■ 33.2603, 42.1866,
57.4295

■ 39.6563, 46.5535,
57.9353

■ 30.8660, 40.4268,
57.2160

■ 43.7200, 49.1926,
58.2305

■ 28.9610, 38.9255,
57.0266

■ 48.3984, 52.1550,
58.5557

■ 27.5051, 37.6618,
56.8594

■ 53.7174, 55.4538,
58.9121

■ 26.4516, 36.6118,
56.7123

■ 59.7014, 59.1018,
59.3008

■ 25.7430, 35.7458,
56.5825

■ 66.3733, 63.1109,
59.7230

■ 25.4871, 35.3937,
56.5280

■ 71.5876, 66.3748,
60.0782

■ 71.9798, 67.1593,
60.2089

■ 72.3764, 67.9524,
60.3411

Harmonies

Analogous

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



35.5135, 44.2215, 47.1064



36.1783, 44.2215, 57.6677



38.3810, 44.2215, 66.6756

Triad

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



36.1783, 44.2215, 57.6677



48.0811, 44.2215, 59.7450



42.3992, 44.2215, 30.9965

Complementary

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



36.1783, 44.2215, 57.6677



34.0667, 29.1831, 23.2405

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.



45.9058, 44.2215, 33.4189



36.1783, 44.2215, 57.6677



49.3012, 44.2215, 49.2083

Square

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



36.1783, 44.2215, 57.6677



45.2350, 44.2215, 67.9897



48.4836, 44.2215, 39.7412



38.9823, 44.2215, 32.6018

Rectangle

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



36.1783, 44.2215, 57.6677



40.4931, 44.2215, 70.0683



48.4836, 44.2215, 39.7412



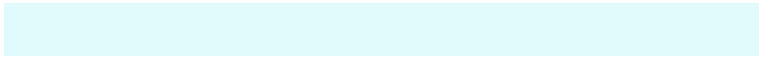
43.6078, 44.2215, 31.3573

Sweetspot

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



36.1796, 44.2232, 57.6687



82.7908, 91.4068, 105.7495



31.8300, 44.5763, 28.3115



17.8780, 19.8569, 23.1404



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.



36.1796, 44.2232, 57.6687



61.1804, 77.0863, 104.1244



29.7104, 31.2848, 55.5123



10.2913, 11.2738, 12.9185



16.7871, 23.3306, 37.1751



0.7477, 1.0528, 1.6137

Inverse Universe

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



38.6599, 29.7685, 51.2872



66.4454, 47.1666, 90.4071



39.4510, 39.9515, 25.0352



10.4583, 10.2319, 12.5040



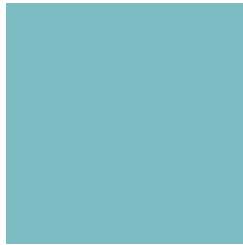
19.8693, 9.6375, 28.2875



0.8698, 0.4209, 1.2817

Previews

White Background



This preview shows how the XYZ color 36.1783, 44.2215, 57.6677 looks on a white background.

Color Contrast Check

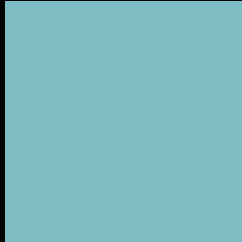
Large Text (above 18pt) WCAG AA × Fail

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 36.1783, 44.2215, 57.6677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

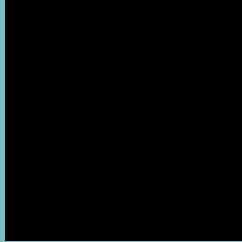
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1783, 44.2215, 57.6677

Background



This preview shows how black text looks on a background with the XYZ color 36.1783, 44.2215, 57.6677.

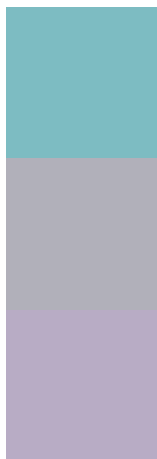


This preview shows how white text looks on a background with the XYZ color 36.1783, 44.2215,

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

36.1783, 44.2215, 57.6677

Protanopia

42.5197, 43.9430, 52.6952

Deuteranopia

44.5977, 43.7266, 58.9128



Tritanopia

37.1834, 44.3169, 62.4714

Trichromacy



Original Color

36.1783, 44.2215, 57.6677

Protanomaly

39.6071, 43.5857, 54.4695

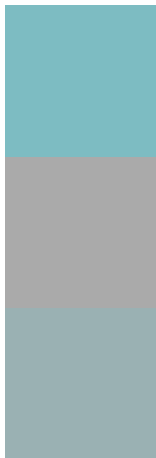
Deuteranomaly

40.9885, 43.6128, 58.4823

Tritanomaly

36.6833, 44.0998, 60.6115

Monochromacy



Original Color

36.1783, 44.2215, 57.6677

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.1852, 41.5690, 48.7116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1783, 44.2215, 57.6677 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(125, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(125, 188, 194)  
}
```

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(125, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 188, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.1783, 44.2215, 57.6677 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(125, 188, 194) }
```


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

```
.border{ border-color:rgb(125, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(125, 188,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1783, 44.2215, 57.6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 188, 194) }
```

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

```
.background{ background-color: rgb(125,  
188, 194) }
```

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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