

Converting Colors

XYZ(36.1091, 49.5731, 57.3953)

Have a look what the booklet for
XYZ(36.1091, 49.5731, 57.3953)
contains.

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Color

**XYZ(36.1443, 49.5882,
57.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	62CCCC
RGB	98, 204, 192
RGB Percent	38%, 80%, 75%
CMY	0.6157, 0.2000, 0.2471
CMYK	0.52, 0.00, 0.06, 0.20
HSL	173°, 51%, 59%
HSV	173°, 52%, 80%
XYZ	36.1443, 49.5882, 57.5356
YIQ	170.9380, -59.3240, -26.2040

Conversions

Conversions Part 2

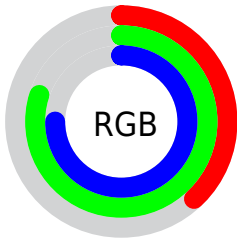
Format	Color
R_{YB}	98, 154, 204
Decimal	6474944
CIE _{Lab}	75.82, -33.51, -3.39
CIE _{LCh}	76, 33.683, 185.775
Yxy	49.5882, 0.2523, 0.3461
Android (android.graphics.Color)	4284665024 (0xFF62CCC0)
YUV	170.9380, 10.3836, -63.9666
Hunter-Lab	70.4189, -31.6134, 0.8505

Details

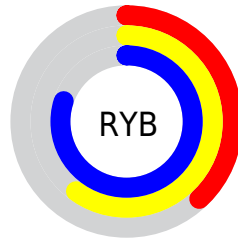
The XYZ color **36.1443, 49.5882, 57.5356** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.0857, 22.7000, 17.4441**, and the grayscale version is **38.6497, 40.6625, 44.2815**.

A 20% lighter version of the original color is **66.4136, 85.3652, 101.7837**, and **15.9727, 23.6503, 28.1492** is the 20% darker color. If you saturate the color by 10%, you get **33.9638, 48.4946, 56.1089**, and if you desaturate by 10%, it is **38.8926, 50.9764, 59.0120**.

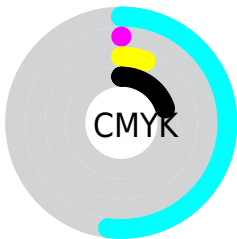
Distribution



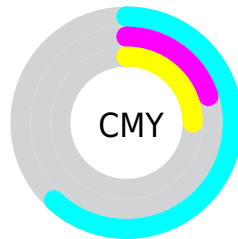
- Red (38%)
- Green (80%)
- Blue (75%)



- Red (38%)
- Yellow (60%)
- Blue (80%)



- Cyan (52%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (62%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1443, 49.5882, 57.5356 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 36.1443, 49.5882, 57.5356 by changing the saturation by 10% instead.

■ 36.1443, 49.5882,
57.5356

■ 36.1443, 49.5882,
57.5356

321.0111,
385.0534, 433.0031

■ 24.7163, 35.0863,
41.0232

■ 68.5771, 89.5644,
102.7544

■ 15.9934, 23.7294,
28.0174

■ 90.3127, 115.8076,
132.2978

■ 9.6103, 15.1330,
18.0996

■ 116.2148,
146.7332, 167.0220

■ 5.2016, 8.9128,
10.8513

■ 146.6488,
182.7258, 207.3454

■ 2.4020, 4.6843,
5.8540

181.9801,
224.1697, 253.6868

■ 0.8461, 2.0633,
2.6892

222.5740,

■ 0.0000, 0.6438,

271.4494, 306.4644

0.9380

268.7959,
324.9491, 366.0970

■ 0.0000, 0.0000,
0.0000

■ 36.1443, 49.5882,
57.5356

■ 36.1443, 49.5882,
57.5356

■ 33.9638, 48.4946,
56.1089

■ 38.8926, 50.9764,
59.0120

■ 32.3032, 47.6675,
54.7264

■ 42.2433, 52.6735,
60.5366

■ 31.1141, 47.0829,
53.3867

■ 46.2333, 54.6997,
62.1122

■ 30.3368, 46.7101,
52.0869

■ 50.8954, 57.0718,
63.7406

■ 29.9244, 46.5197,
51.0668

■ 56.2600, 59.8057,
65.4231

■ 62.3557, 62.9160,
67.1614

■ 69.2095, 66.4166,
68.9566

■ 74.5265, 69.1245,
70.7015

■ 74.8173, 69.2409,
72.2329

Harmonies

Analogous

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



36.9875, 49.5882, 41.0501



36.1443, 49.5882, 57.5356



38.0272, 49.5882, 76.7512

Triad

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



36.1443, 49.5882, 57.5356



54.5230, 49.5882, 87.0599



52.2445, 49.5882, 28.2674

Complementary

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



36.1443, 49.5882, 57.5356



32.0857, 22.7000, 17.4441

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.



57.5853, 49.5882, 36.2473



36.1443, 49.5882, 57.5356



58.9802, 49.5882, 69.4055

Square

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



36.1443, 49.5882, 57.5356



48.3533, 49.5882, 96.0541



60.1476, 49.5882, 50.5991



45.9316, 49.5882, 26.4500

Rectangle

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



36.1443, 49.5882, 57.5356



40.6824, 49.5882, 87.7970



60.1476, 49.5882, 50.5991



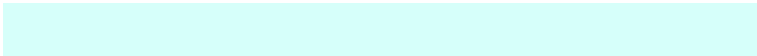
54.2298, 49.5882, 30.2159

Sweetspot

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



36.1457, 49.5901, 57.5368



80.8650, 92.7723, 104.4002



30.2751, 47.4082, 19.1113



16.9654, 19.6825, 22.2257



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.



36.1457, 49.5901, 57.5368



55.9796, 80.1761, 92.7214



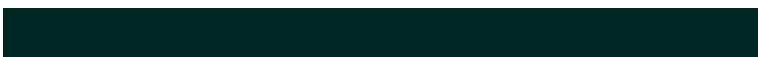
29.1000, 33.2828, 62.0194



11.4864, 12.7043, 14.1189



18.8559, 29.2877, 32.2558



0.9887, 1.5173, 1.7480

Inverse Universe

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



32.0857, 22.7000, 17.4441



48.5886, 31.0242, 19.5872



36.2878, 32.0802, 15.8358



11.2631, 11.2340, 11.9202



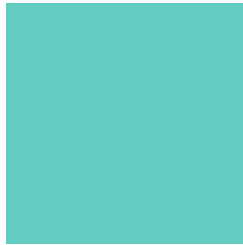
15.7891, 8.1262, 1.3421



0.8323, 0.4263, 0.1628

Previews

White Background



This preview shows how the XYZ color 36.1443, 49.5882, 57.5356 looks on a white background.

Color Contrast Check

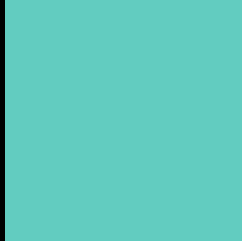
Large Text (above 18pt) WCAG AA × Fail

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 36.1443, 49.5882, 57.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

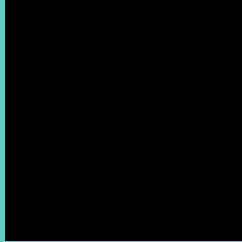
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

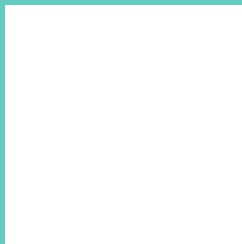
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1443, 49.5882, 57.5356

Background



This preview shows how black text looks on a background with the XYZ color 36.1443, 49.5882, 57.5356.

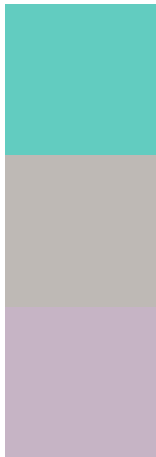


This preview shows how white text looks on a background with the XYZ color 36.1443, 49.5882,

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

36.1443, 49.5882, 57.5356

Protanopia

46.9247, 48.9813, 50.6972

Deuteranopia

49.6880, 48.6795, 59.6006



Tritanopia

39.1225, 49.3825, 73.1154

Trichromacy



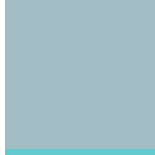
Original Color

36.1443, 49.5882, 57.5356



Protanomaly

41.5112, 48.3702, 53.0474



Deuteranomaly

42.9482, 48.0167, 58.6343



Tritanomaly

37.8653, 49.2109, 67.1775

Monochromacy



Original Color

36.1443, 49.5882, 57.5356



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

36.5718, 43.0509, 49.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1443, 49.5882, 57.5356 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(98, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(98, 204, 192)  
}
```

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(98, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 204, 192) }
```

Border

The CSS property to change the border of an element to XYZ 36.1443, 49.5882, 57.5356 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(98, 204, 192) }
```


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

```
.border{ border-color:rgb(98, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(98, 204,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1443, 49.5882, 57.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 204, 192) }
```

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

```
.background{ background-color: rgb(98, 204,  
192) }
```

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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