

Converting Colors

XYZ(35.4583, 45.2375, 53.3172)

Have a look what the booklet for
XYZ(35.4583, 45.2375, 53.3172)
contains.

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Color

**XYZ(35.4583, 45.2375,
53.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	78C0BA
RGB	120, 192, 186
RGB Percent	47%, 75%, 73%
CMY	0.5294, 0.2470, 0.2706
CMYK	0.37, 0.00, 0.03, 0.25
HSL	175°, 36%, 61%
HSV	175°, 37%, 75%
XYZ	35.4583, 45.2375, 53.3172
YIQ	169.7880, -40.9860, -17.1300

Conversions

Conversions Part 2

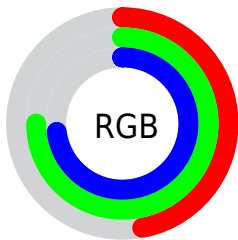
Format	Color
RYB	120, 158, 192
Decimal	7913658
CIELab	73.05, -23.89, -4.11
CIELCh	73, 24.239, 189.759
Yxy	45.2375, 0.2646, 0.3376
Android (android.graphics.Color)	4286103738 (0xFF78C0BA)
YUV	169.7880, 7.9925, -43.6641
Hunter-Lab	67.2588, -23.5992, 0.0810

Details

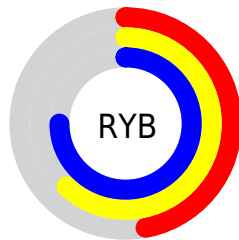
The XYZ color **35.4583, 45.2375, 53.3172** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.2222, 26.1471, 23.0890**, and the grayscale version is **38.0801, 40.0632, 43.6289**.

A 20% lighter version of the original color is **67.5819, 83.2761, 96.5164**, and **15.5689, 21.0287, 25.4287** is the 20% darker color. If you saturate the color by 10%, you get **32.8890, 43.9336, 52.3146**, and if you desaturate by 10%, it is **38.5661, 46.8210, 54.3570**.

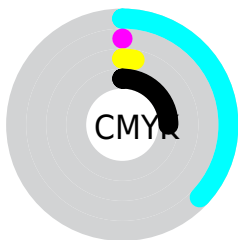
Distribution



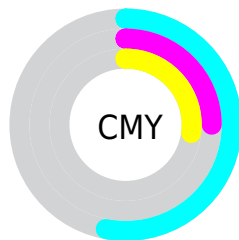
- Red (47%)
- Green (75%)
- Blue (73%)



- Red (47%)
- Yellow (62%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4583, 45.2375, 53.3172 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 35.4583, 45.2375, 53.3172 by changing the saturation by 10% instead.

■ 35.4583, 45.2375,
53.3172

■ 35.4583, 45.2375,
53.3172

318.0593,
367.7346, 416.6017

■ 24.1843, 31.6445,
37.6666

■ 67.5245, 83.0767,
96.5172

■ 15.5959, 21.0901,
25.4242

■ 89.0474, 108.0917,
124.9037

■ 9.3277, 13.1899,
16.1715

■ 114.7173,
137.6829, 158.3726

■ 5.0143, 7.5594,
9.4899

144.8996,
172.2346, 197.3424

■ 2.2905, 3.8144,
4.9609

179.9595,
212.1312, 242.2317

■ 0.7898, 1.5703,
2.1660

220.2626,

■ 0.0000, 0.3374,

257.7571, 293.4590

0.6547

266.1741,
309.4968, 351.4428

■ 0.0000, 0.0000,
0.0000

■ 35.4583, 45.2375,
53.3172

■ 35.4583, 45.2375,
53.3172

■ 32.8890, 43.9336,
52.3146

■ 38.5661, 46.8210,
54.3570

■ 30.8220, 42.8874,
51.3444

■ 42.2378, 48.6938,
55.4321

■ 29.2233, 42.0824,
50.4060


■ 46.5021, 50.8719,
56.5450


■ 28.0525, 41.4977,
49.4975


■ 51.3844, 53.3684,
57.6969


■ 27.2628, 41.1093,
48.6166

■ 56.9088, 56.1957,
58.8889


 26.7864, 40.8821,
47.7602

 63.0980, 59.3654,
60.1221

 26.6866, 40.8353,
47.5485

 69.9736, 62.8888,
61.3976

 70.3767, 63.0753,
62.3803

 70.5633, 63.1499,
63.3631

Harmonies

Analogous

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



35.7981, 45.2375, 41.6179



35.4583, 45.2375, 53.3172



37.0340, 45.2375, 65.7334

Triad

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



35.4583, 45.2375, 53.3172



48.4199, 45.2375, 69.4542



45.8770, 45.2375, 30.4499

Complementary

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



35.4583, 45.2375, 53.3172



32.2222, 26.1471, 23.0890

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.



49.5677, 45.2375, 35.7915



35.4583, 45.2375, 53.3172



51.1014, 45.2375, 57.7757

Square

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



35.4583, 45.2375, 53.3172



44.3925, 45.2375, 76.0098



51.5347, 45.2375, 45.4063



41.6308, 45.2375, 29.6565

Rectangle

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



35.4583, 45.2375, 53.3172



39.0235, 45.2375, 72.2839



51.5347, 45.2375, 45.4063



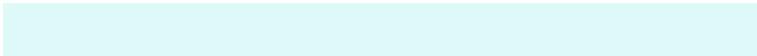
47.2312, 45.2375, 31.7257

Sweetspot

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



35.4596, 45.2393, 53.3182



81.2874, 90.6567, 101.7030



31.0234, 43.5846, 24.5478



17.2105, 19.3322, 21.7595



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.4596, 45.2393, 53.3182



60.3505, 79.9877, 95.1063



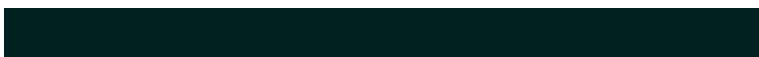
30.3943, 34.0659, 54.8446



10.3311, 11.4135, 12.7471



17.9705, 27.4823, 32.0674



0.7873, 1.1918, 1.4429

Inverse Universe

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



32.2222, 26.1471, 23.0890



53.6499, 40.4245, 32.5046



35.8458, 33.9957, 22.4428



10.1065, 10.0912, 10.6515



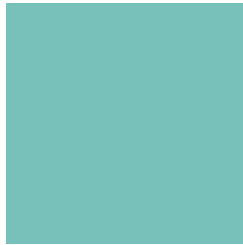
14.7027, 7.5708, 1.0806



0.6472, 0.3319, 0.1093

Previews

White Background



This preview shows how the XYZ color 35.4583, 45.2375, 53.3172 looks on a white background.

Color Contrast Check

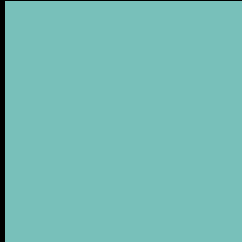
Large Text (above 18pt) WCAG AA × Fail

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 35.4583, 45.2375, 53.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

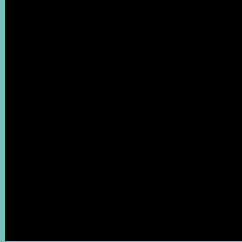
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4583, 45.2375, 53.3172

Background



This preview shows how black text looks on a background with the XYZ color 35.4583, 45.2375, 53.3172.

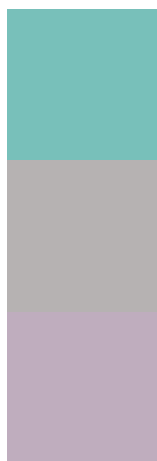


This preview shows how white text looks on a background with the XYZ color 35.4583, 45.2375,

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

35.4583, 45.2375, 53.3172

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

45.7237, 44.6812, 54.9296



Tritanopia

37.5541, 45.1148, 63.8555

Trichromacy



Original Color

35.4583, 45.2375, 53.3172

Protanomaly

39.5721, 44.5741, 50.2341

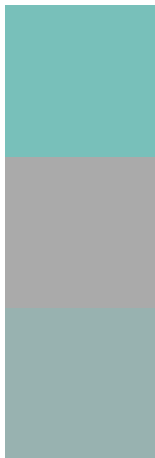
Deuteranomaly

41.0236, 44.3160, 54.5358

Tritanomaly

36.6599, 45.0691, 59.5903

Monochromacy



Original Color

35.4583, 45.2375, 53.3172

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.7058, 41.6508, 47.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4583, 45.2375, 53.3172 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(120, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 192, 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(120, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 192, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.4583, 45.2375, 53.3172 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(120, 192, 186) }
```


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

```
.border{ border-color:rgb(120, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 192, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 192, 186); box-shadow:4px 4px 4px 4px rgb(120, 192, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4583, 45.2375, 53.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 192, 186) }
```

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

```
.background{ background-color: rgb(120,  
192, 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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