

Converting Colors

XYZ(37.5076, 46.0348, 54.1027)

Have a look what the booklet for
XYZ(37.5076, 46.0348, 54.1027)
contains.

XYZ(37.4320, 45.9178, 53.9039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.4320, 45.9178,
53.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	86BFBB
RGB	134, 191, 187
RGB Percent	53%, 75%, 73%
CMY	0.4745, 0.2510, 0.2667
CMYK	0.30, 0.00, 0.02, 0.25
HSL	176°, 31%, 64%
HSV	176°, 30%, 75%
XYZ	37.4320, 45.9178, 53.9039
YIQ	173.5010, -32.6880, -13.3280

Conversions

Conversions Part 2

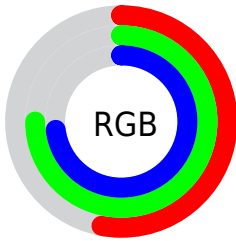
Format	Color
RYB	134, 164, 191
Decimal	8830907
CIELab	73.49, -19.24, -3.92
CIELCh	73, 19.639, 191.511
Yxy	45.9178, 0.2727, 0.3345
Android (android.graphics.Color)	4287020987 (0xFF86BFBB)
YUV	173.5010, 6.6550, -34.6424
Hunter-Lab	67.7627, -19.9815, 0.2698

Details

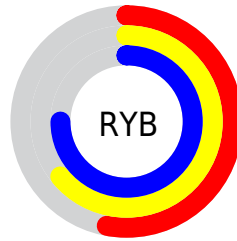
The XYZ color **37.4320, 45.9178, 53.9039** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6000, 29.9629, 28.0064**, and the grayscale version is **39.9564, 42.0373, 45.7786**.

A 20% lighter version of the original color is **70.4247, 83.8114, 97.2595**, and **16.7284, 21.4064, 25.8044** is the 20% darker color. If you saturate the color by 10%, you get **34.5158, 44.4321, 53.0224**, and if you desaturate by 10%, it is **40.9020, 47.6911, 54.8203**.

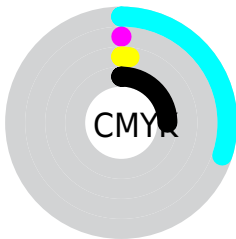
Distribution



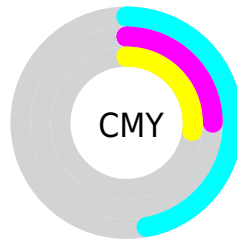
- Red (53%)
- Green (75%)
- Blue (73%)



- Red (53%)
- Yellow (64%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4320, 45.9178, 53.9039 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 37.4320, 45.9178, 53.9039 by changing the saturation by 10% instead.

■ 37.4320, 45.9178,
53.9039

■ 37.4320, 45.9178,
53.9039

326.5002,
370.4781, 418.9077

■ 25.7174, 32.1810,
38.1322

■ 70.5462, 84.0960,
97.3881

■ 16.7439, 21.4998,
25.7827

■ 92.6765, 109.3061,
125.9377

■ 10.1462, 13.4898,
16.4368

■ 119.0094,
139.1094, 159.5836

■ 5.5590, 7.7667,
9.6761

149.9103,
173.8903, 198.7445

■ 2.6169, 3.9460,
5.0819

185.7444,
214.0333, 243.8388

■ 0.9546, 1.6434,
2.2358

226.8772,

■ 0.0000, 0.3866,

259.9226, 295.2850

0.6949

273.6740,
311.9428, 353.5018

■ 0.0000, 0.0000,
0.0000

■ 37.4320, 45.9178,
53.9039

■ 37.4320, 45.9178,
53.9039

■ 34.5158, 44.4321,
53.0224

■ 40.9020, 47.6911,
54.8203

■ 32.1199, 43.2133,
52.1712

■ 44.9492, 49.7608,
55.7698

■ 30.2131, 42.2466,
51.3499

■ 49.6006, 52.1416,
56.7546

■ 28.7594, 41.5132,
50.5567

■ 54.8802, 54.8462,
57.7758

■ 27.7179, 40.9922,
49.7897

■ 60.8106, 57.8862,
58.8346

■ 27.0402, 40.6585,
49.0467

■ 67.4136, 61.2727,
59.9319

■ 26.6325, 40.4640,
48.3231

■ 69.8797, 62.5264,
60.8428

■ 26.6266, 40.4612,
48.3119

■ 70.0335, 62.5879,
61.6525

■ 70.1887, 62.6500,
62.4695

Harmonies

Analogous

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



37.6219, 45.9178, 44.1835



37.4320, 45.9178, 53.9039



38.8397, 45.9178, 63.7468

Triad

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



37.4320, 45.9178, 53.9039



48.2122, 45.9178, 65.6985



45.7918, 45.9178, 33.9887

Complementary

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



37.4320, 45.9178, 53.9039



34.6000, 29.9629, 28.0064

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.



48.8279, 45.9178, 38.3813



37.4320, 45.9178, 53.9039



50.2756, 45.9178, 56.2986

Square

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



37.4320, 45.9178, 53.9039



44.9873, 45.9178, 71.1338



50.5067, 45.9178, 46.2830



42.3267, 45.9178, 33.5259

Rectangle

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



37.4320, 45.9178, 53.9039



40.5404, 45.9178, 68.7229



50.5067, 45.9178, 46.2830



46.9010, 45.9178, 35.0246

Sweetspot

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



37.4333, 45.9197, 53.9049



81.0487, 89.3983, 100.0013



33.5411, 44.4522, 29.3676



17.5459, 19.5023, 21.9033



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.



37.4333, 45.9197, 53.9049



63.4201, 80.3925, 95.4705



33.1015, 36.5606, 54.6046



9.7789, 10.7977, 12.0851



17.5103, 26.5944, 31.8139



0.6947, 1.0452, 1.2923

Inverse Universe

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



34.6000, 29.9629, 28.0064



57.5113, 47.0959, 41.4451



37.9748, 37.1677, 27.7279



9.5566, 9.5469, 10.0542



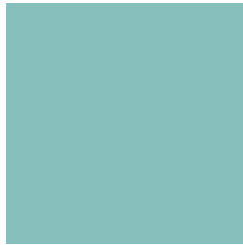
14.1812, 7.3036, 0.9820



0.5649, 0.2898, 0.0879

Previews

White Background



This preview shows how the XYZ color 37.4320, 45.9178, 53.9039 looks on a white background.

Color Contrast Check

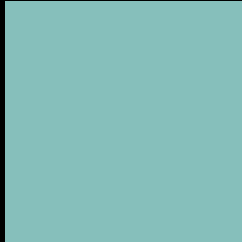
Large Text (above 18pt) WCAG AA × Fail

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 37.4320, 45.9178, 53.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

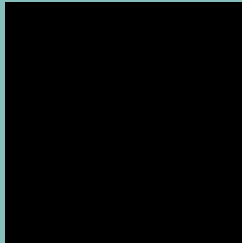
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4320, 45.9178, 53.9039

Background



This preview shows how black text looks on a background with the XYZ color 37.4320, 45.9178, 53.9039.

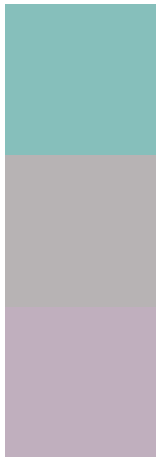


This preview shows how white text looks on a background with the XYZ color 37.4320, 45.9178,

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

37.4320, 45.9178, 53.9039

Protanopia

43.8868, 45.6028, 49.6692

Deuteranopia

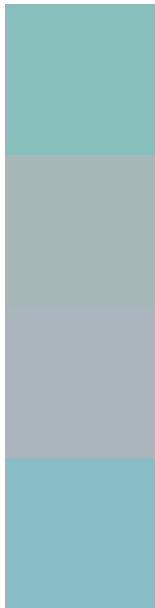
46.3625, 45.5841, 55.0702



Tritanopia

39.3635, 45.7293, 63.8787

Trichromacy



Original Color

37.4320, 45.9178, 53.9039

Protanomaly

40.9978, 45.2852, 51.3799

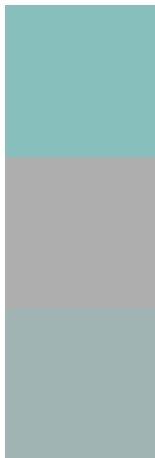
Deuteranomaly

42.5038, 45.3798, 54.6631

Tritanomaly

38.7072, 45.7908, 60.2245

Monochromacy



Original Color

37.4320, 45.9178, 53.9039

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.7560, 43.2681, 48.9567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4320, 45.9178, 53.9039 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(134, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(134, 191, 187)  
}
```

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(134, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 191, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.4320, 45.9178, 53.9039 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(134, 191, 187) }
```


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

```
.border{ border-color:rgb(134, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(134, 191,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4320, 45.9178, 53.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 191, 187) }
```

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

```
.background{ background-color: rgb(134,  
191, 187) }
```

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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