

Converting Colors

XYZ(41.2451, 53.0966, 54.3300)

Have a look what the booklet for
XYZ(41.2451, 53.0966, 54.3300)
contains.

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Color

**XYZ(41.2508, 53.0061,
54.5114)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89CEBA |
| RGB | 137, 206, 186 |
| RGB Percent | 54%, 81%, 73% |
| CMY | 0.4627, 0.1921, 0.2706 |
| CMYK | 0.33, 0.00, 0.10, 0.19 |
| HSL | 163°, 41%, 67% |
| HSV | 163°, 33%, 81% |
| XYZ | 41.2508, 53.0061, 54.5114 |
| YIQ | 183.0890, -34.7040, -20.8480 |

Conversions

Conversions Part 2

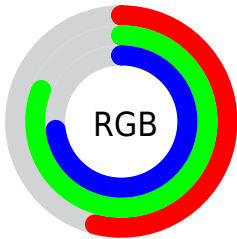
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 137, 177, 206 |
| Decimal | 9031354 |
| CIELab | 77.88, -26.09, 3.05 |
| CIELCh | 78, 26.267, 173.328 |
| Yxy | 53.0061, 0.2773, 0.3563 |
| Android (android.graphics.Color) | 4287221434 (0xFF89CEBA) |
| YUV | 183.0890, 1.4351, -40.4201 |
| Hunter-Lab | 72.8053, -26.2728, 6.5716 |

Details

The XYZ color **41.2508, 53.0061, 54.5114** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.4869, 33.4490, 36.2230**, and the grayscale version is **45.0658, 47.4127, 51.6325**.

A 20% lighter version of the original color is **73.5252, 89.1373, 97.3344**, and **18.9564, 25.7115, 26.1540** is the 20% darker color. If you saturate the color by 10%, you get **37.5695, 51.1816, 51.0948**, and if you desaturate by 10%, it is **45.6063, 55.1779, 58.1003**.

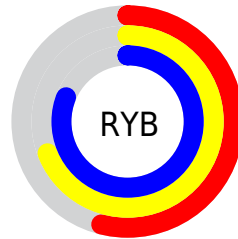
Distribution



Red (54%)

Green (81%)

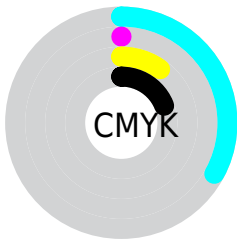
Blue (73%)



Red (54%)

Yellow (69%)

Blue (81%)

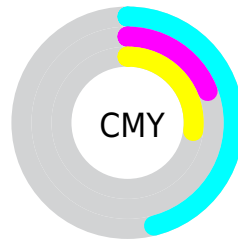


Cyan (33%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (46%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2508, 53.0061, 54.5114 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 41.2508, 53.0061, 54.5114 by changing the saturation by 10% instead.


 41.2508, 53.0061,
54.5114


 41.2508, 53.0061,
54.5114


342.4124,
398.3085, 421.2868


 28.7036, 37.8076,
38.6147


 76.3368, 94.6133,
98.2887

 18.9999, 25.8334,
26.1546


 99.6063, 121.7909,
127.0063

 11.7742, 16.6991,
16.7125


 127.1807,
153.7303, 160.8347

 6.6612, 10.0202,
9.8700

159.4252,
190.8159, 200.1924

 3.2956, 5.4123,
5.2083

196.7053,
233.4322, 245.4979

 1.3119, 2.4912,
2.3092

239.3863,

 0.1921, 0.8722,

281.9634, 297.1698

0.7363

287.8336,
336.7941, 355.6266

■ 0.0000, 0.0000,
0.0000

■ 41.2508, 53.0061,
54.5114

■ 41.2508, 53.0061,
54.5114

■ 37.5695, 51.1816,
51.0948

■ 45.6063, 55.1779,
58.1003

■ 34.5209, 49.6787,
47.8436

■ 50.6658, 57.7082,
61.8612

■ 32.0656, 48.4788,
44.7553


■ 56.4625, 60.6154,
65.7984


■ 30.1578, 47.5581,
41.8260


■ 63.0264, 63.9149,
69.9148


■ 28.7448, 46.8897,
39.0516


■ 70.3856, 67.6211,
74.2134


 27.7630, 46.4406,
36.4272

 76.4745, 70.6693,
78.5990

 27.2828, 46.2287,
34.7962

 77.2885, 70.9949,
82.8857

 78.1312, 71.3320,
87.3232

 79.0028, 71.6806,
91.9130

Harmonies

Analogous

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



42.9141, 53.0061, 42.5074



41.2508, 53.0061, 54.5114



41.8980, 53.0061, 69.5720

Triad

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



41.2508, 53.0061, 54.5114



54.3667, 53.0061, 87.5517



56.4703, 53.0061, 37.9839

Complementary

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



41.2508, 53.0061, 54.5114



40.4869, 33.4490, 36.2230

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.



59.9374, 53.0061, 47.2874



41.2508, 53.0061, 54.5114



58.6668, 53.0061, 76.1747

Square

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



41.2508, 53.0061, 54.5114



49.2495, 53.0061, 90.3627



60.7672, 53.0061, 61.0410



51.5292, 53.0061, 34.0632

Rectangle

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



41.2508, 53.0061, 54.5114



43.5755, 53.0061, 79.2218



60.7672, 53.0061, 61.0410



57.8599, 53.0061, 40.5014

Sweetspot

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



41.2523, 53.0083, 54.5126



85.1154, 95.0134, 102.3417



40.6300, 53.1897, 31.7932



17.9409, 20.1978, 21.7131



0.0000, 0.0000, 0.0000



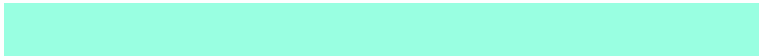
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2523, 53.0083, 54.5126



62.5465, 83.7521, 84.4127



40.3524, 47.5638, 65.4488



11.3992, 12.6694, 13.6599



16.8431, 28.4826, 21.6567



0.9008, 1.4822, 1.2854

Inverse Universe

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



40.4869, 33.4490, 36.2230



61.1336, 47.4434, 50.4998



41.0051, 36.9985, 28.6482



11.3439, 11.2663, 12.3453



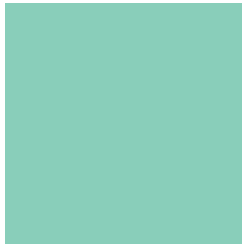
16.2080, 8.2938, 3.5481



0.8695, 0.4412, 0.3586

Previews

White Background



This preview shows how the XYZ color 41.2508, 53.0061, 54.5114 looks on a white background.

Color Contrast Check

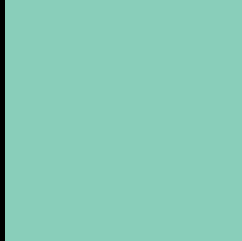
Large Text (above 18pt) WCAG AA × Fail

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 41.2508, 53.0061, 54.5114 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

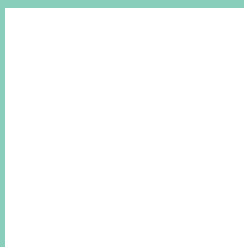
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2508, 53.0061, 54.5114

Background



This preview shows how black text looks on a background with the XYZ color 41.2508, 53.0061, 54.5114.

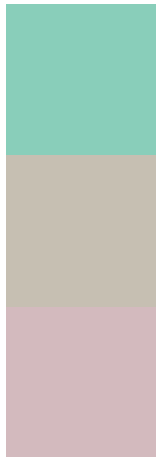


This preview shows how white text looks on a background with the XYZ color 41.2508, 53.0061,

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

41.2508, 53.0061, 54.5114

Protanopia

49.9554, 52.4817, 49.6165

Deuteranopia

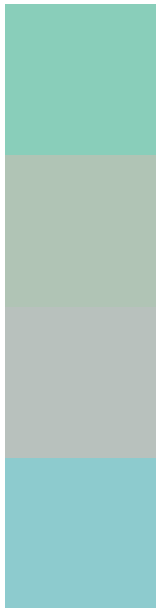
53.7171, 52.6844, 56.0531



Tritanopia

45.0431, 52.7645, 74.1402

Trichromacy



Original Color

41.2508, 53.0061, 54.5114

Protanomaly

45.9849, 52.0462, 51.3383

Deuteranomaly

48.0224, 52.0044, 55.6509

Tritanomaly

43.4810, 52.8308, 66.2982

Monochromacy



Original Color

41.2508, 53.0061, 54.5114

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.0084, 48.8293, 52.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2508, 53.0061, 54.5114 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(137, 206, 186)` looks like.

```
.text, #text, p{  
    color:rgb(137, 206, 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(137, 206, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 206, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.2508, 53.0061, 54.5114 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(137, 206, 186) }
```


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

```
.border{ border-color:rgb(137, 206, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 206, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 206, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 206, 186);  
box-shadow:4px 4px 4px 4px rgb(137, 206,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2508, 53.0061, 54.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 206, 186) }
```

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

```
.background{ background-color: rgb(137,  
206, 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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