

Converting Colors

XYZ(42.7469, 53.7913, 59.2819)

Have a look what the booklet for
XYZ(42.7469, 53.7913, 59.2819)
contains.

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Color

**XYZ(42.6241, 53.6131,
59.1408)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CCEC2 |
| RGB | 140, 206, 194 |
| RGB Percent | 55%, 81%, 76% |
| CMY | 0.4510, 0.1921, 0.2392 |
| CMYK | 0.32, 0.00, 0.06, 0.19 |
| HSL | 169°, 40%, 68% |
| HSV | 169°, 32%, 81% |
| XYZ | 42.6241, 53.6131, 59.1408 |
| YIQ | 184.8980, -35.4840, -17.7240 |

Conversions

Conversions Part 2

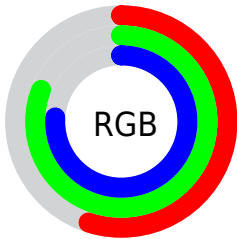
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 140, 176, 206 |
| Decimal | 9227970 |
| CIELab | 78.24, -23.47, -0.71 |
| CIELCh | 78, 23.483, 181.725 |
| Yxy | 53.6131, 0.2743, 0.3450 |
| Android (android.graphics.Color) | 4287418050 (0xFF8CCEC2) |
| YUV | 184.8980, 4.4873, -39.3755 |
| Hunter-Lab | 73.2210, -24.2265, 3.3660 |

Details

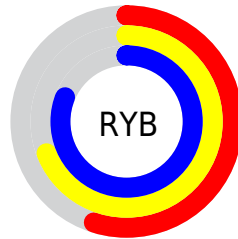
The XYZ color **42.6241, 53.6131, 59.1408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5010, 34.1464, 34.1640**, and the grayscale version is **46.0486, 48.4467, 52.7584**.

A 20% lighter version of the original color is **75.5210, 90.0242, 103.8385**, and **19.7307, 26.0529, 28.7997** is the 20% darker color. If you saturate the color by 10%, you get **39.0575, 51.8238, 56.8061**, and if you desaturate by 10%, it is **46.8542, 55.7459, 61.5642**.

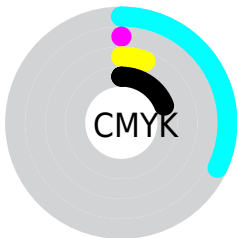
Distribution



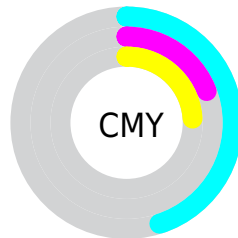
- Red (55%)
- Green (81%)
- Blue (76%)



- Red (55%)
- Yellow (69%)
- Blue (81%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (45%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6241, 53.6131, 59.1408 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 42.6241, 53.6131, 59.1408 by changing the saturation by 10% instead.

■ 42.6241, 53.6131,
59.1408

■ 42.6241, 53.6131,
59.1408

348.0114,
400.6329, 439.1399

■ 29.7835, 38.2924,
42.3057

■ 78.4026, 95.5059,
105.1134

■ 19.8216, 26.2097,
29.0134

■ 102.0712,
122.8469, 135.0880

■ 12.3729, 16.9806,
18.8453

■ 130.0798,
154.9634, 170.2795

■ 7.0722, 10.2207,
11.3829

162.7939,
192.2398, 211.1065

■ 3.5540, 5.5455,
6.2076

200.5787,
235.0606, 257.9875

■ 1.4531, 2.5707,
2.9009

243.7997,

■ 0.2936, 0.9120,

283.8101, 311.3410

1.0442

292.8221,
338.8728, 371.5857

■ 0.0000, 0.0000,
0.0000

■ 42.6241, 53.6131,
59.1408

■ 42.6241, 53.6131,
59.1408

■ 39.0575, 51.8238,
56.8061

■ 46.8542, 55.7459,
61.5642

■ 36.1134, 50.3529,
54.5544

■ 51.7768, 58.2332,
64.0747

■ 33.7532, 49.1818,
52.3846

■ 57.4247, 61.0930,
66.6752

■ 31.9324, 48.2875,
50.2942

■ 63.8272, 64.3407,
69.3676

■ 30.5997, 47.6436,
48.2803

■ 71.0122, 67.9905,
72.1536

■ 29.6936, 47.2185,
46.3398

■ 75.7689, 70.3872,
74.8833

■ 29.1908, 46.9919,
44.8430

■ 76.2603, 70.5837,
77.4710

■ 76.7629, 70.7848,
80.1173

■ 77.2766, 70.9902,
82.8226

Harmonies

Analogous

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



43.5635, 53.6131, 47.1873



42.6241, 53.6131, 59.1408



43.8036, 53.6131, 72.7229

Triad

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



42.6241, 53.6131, 59.1408



55.7479, 53.6131, 82.6609



55.2601, 53.6131, 38.8008

Complementary

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



42.6241, 53.6131, 59.1408



40.5010, 34.1464, 34.1640

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.



58.8510, 53.6131, 46.0514



42.6241, 53.6131, 59.1408



59.1444, 53.6131, 71.2057

Square

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



42.6241, 53.6131, 59.1408



51.2241, 53.6131, 87.5073



60.3122, 53.6131, 57.6169



50.6921, 53.6131, 36.5542

Rectangle

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



42.6241, 53.6131, 59.1408



45.6766, 53.6131, 80.5866



60.3122, 53.6131, 57.6169



56.6308, 53.6131, 40.6739

Sweetspot

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



42.6256, 53.6153, 59.1420



85.5452, 95.1853, 104.6049



39.7742, 52.7233, 32.8921



18.0453, 20.2396, 22.2632



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.



42.6256, 53.6153, 59.1420



65.2217, 84.9358, 93.3679



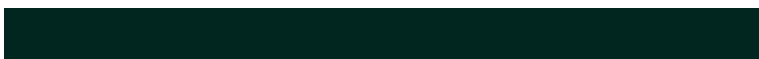
39.3273, 44.7733, 64.9644



11.4523, 12.6907, 13.9394



18.0070, 28.9481, 27.7854



0.9524, 1.5028, 1.5566

Inverse Universe

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



40.5010, 34.1464, 34.1640



61.2928, 48.8714, 47.1325



42.9164, 40.4717, 30.3617



11.2943, 11.2464, 12.0842



15.9097, 8.1745, 1.9771



0.8467, 0.4321, 0.2385

Previews

White Background



This preview shows how the XYZ color 42.6241, 53.6131, 59.1408 looks on a white background.

Color Contrast Check

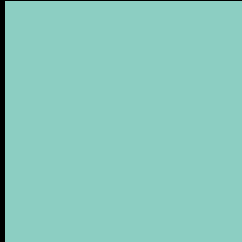
Large Text (above 18pt) WCAG AA × Fail

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 42.6241, 53.6131, 59.1408 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

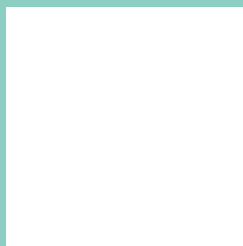
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6241, 53.6131, 59.1408

Background



This preview shows how black text looks on a background with the XYZ color 42.6241, 53.6131, 59.1408.



This preview shows how white text looks on a background with the XYZ color 42.6241, 53.6131,

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

42.6241, 53.6131, 59.1408

Protanopia

51.0013, 53.2502, 54.0446

Deuteranopia

54.2579, 53.1732, 60.8298



Tritanopia

45.7608, 53.4665, 74.9261

Trichromacy



Original Color

42.6241, 53.6131, 59.1408

Protanomaly

47.2830, 52.9537, 55.8731

Deuteranomaly

49.1370, 52.8051, 60.4259

Tritanomaly

44.4904, 53.2943, 68.9147

Monochromacy



Original Color

42.6241, 53.6131, 59.1408

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.5093, 50.2058, 54.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6241, 53.6131, 59.1408 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(140, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(140, 206, 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(140, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 206, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.6241, 53.6131, 59.1408 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(140, 206, 194) }
```


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

```
.border{ border-color:rgb(140, 206, 194) }
```

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

Here you see how a box with a 4 pixel rgb(140, 206, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(140, 206,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6241, 53.6131, 59.1408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 206, 194) }
```

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

```
.background{ background-color: rgb(140,  
206, 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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