

Converting Colors

XYZ(41.4104, 53.1271, 49.3709)

Have a look what the booklet for
XYZ(41.4104, 53.1271, 49.3709)
contains.

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Color

**XYZ(41.4094, 53.2065,
49.1617)**

Conversions

Conversions Part 1

Format	Color
Hex	90CEB0
RGB	144, 206, 176
RGB Percent	56%, 81%, 69%
CMY	0.4353, 0.1921, 0.3098
CMYK	0.30, 0.00, 0.15, 0.19
HSL	151°, 39%, 69%
HSV	151°, 30%, 81%
XYZ	41.4094, 53.2065, 49.1617
YIQ	184.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

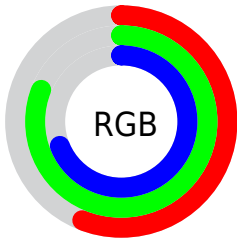
Format	Color
RYB	144, 185, 206
Decimal	9490096
CIELab	78.00, -26.11, 8.63
CIELCh	78, 27.503, 161.712
Yxy	53.2065, 0.2880, 0.3701
Android (android.graphics.Color)	4287680176 (0xFF90CEB0)
YUV	184.0420, -3.9647, -35.1168
Hunter-Lab	72.9428, -26.3160, 11.0999

Details

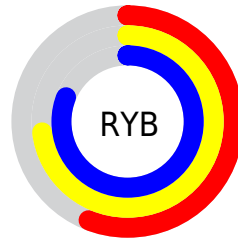
The XYZ color **41.4094, 53.2065, 49.1617** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0687, 36.1257, 44.7496**, and the grayscale version is **45.6164, 47.9920, 52.2633**.

A 20% lighter version of the original color is **73.8787, 89.4883, 89.7231**, and **18.9561, 25.7874, 22.7173** is the 20% darker color. If you saturate the color by 10%, you get **37.1842, 51.1396, 44.0035**, and if you desaturate by 10%, it is **46.3665, 55.6452, 54.7345**.

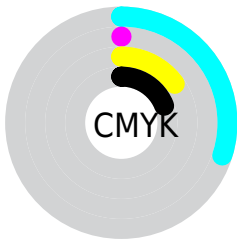
Distribution



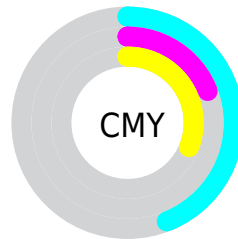
- Red (56%)
- Green (81%)
- Blue (69%)



- Red (56%)
- Yellow (73%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)





- Cyan (44%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4094, 53.2065, 49.1617 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 41.4094, 53.2065, 49.1617 by changing the saturation by 10% instead.


 41.4094, 53.2065,
49.1617


 41.4094, 53.2065,
49.1617


343.0622,
399.0769, 400.0193

 28.8282, 37.9676,
34.3813


 76.5758, 94.9082,
90.3150

 19.0945, 25.9576,
22.9069


 99.8917, 122.1398,
117.5250

 11.8430, 16.7919,
14.3201


127.5165,
154.1377, 149.7153

 6.7083, 10.0862,
8.2024

159.8156,
191.2864, 187.3043

 3.3251, 5.4562,
4.1351

197.1544,
233.9703, 230.7107

 1.3279, 2.5173,
1.6997

239.8982,

 0.2040, 0.8853,

282.5738, 280.3530

0.3606

288.4124,
337.4811, 336.6496

■ 0.0000, 0.0000,
0.0000

■ 41.4094, 53.2065,
49.1617

■ 41.4094, 53.2065,
49.1617

■ 37.1842, 51.1396,
44.0035

■ 46.3665, 55.6452,
54.7345

■ 33.6493, 49.4189,
39.2466

■ 52.0856, 58.4668,
60.7279

■ 30.7653, 48.0258,
34.8819

■ 58.6005, 61.6899,
67.1520

■ 28.4870, 46.9371,
30.8987

■ 65.9416, 65.3301,
74.0157

■ 26.7630, 46.1265,
27.2855

■ 74.1375, 69.4019,
81.3275

■ 25.5325, 45.5629,
24.0303

■ 78.4253, 71.4498,
88.8715

■ 24.6905, 45.1919,
21.1447

■ 79.9131, 72.0449,
96.7063

■ 81.3623, 72.6246,
104.3374

Harmonies

Analogous

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



44.0234, 53.2065, 38.5866



41.4094, 53.2065, 49.1617



41.1424, 53.2065, 64.1286

Triad

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



41.4094, 53.2065, 49.1617



52.6907, 53.2065, 91.8784



58.6553, 53.2065, 40.4402

Complementary

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



41.4094, 53.2065, 49.1617



43.0687, 36.1257, 44.7496

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.



61.3406, 53.2065, 52.1496



41.4094, 53.2065, 49.1617



57.7380, 53.2065, 82.8577

Square

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



41.4094, 53.2065, 49.1617



47.4079, 53.2065, 90.6927



60.9935, 53.2065, 67.6897



53.8722, 53.2065, 34.1981

Rectangle

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



41.4094, 53.2065, 49.1617



42.3063, 53.2065, 74.8608



60.9935, 53.2065, 67.6897



59.8480, 53.2065, 43.7709

Sweetspot

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



41.4109, 53.2087, 49.1629



85.3681, 95.2094, 99.3820



44.7863, 55.2726, 34.6945



17.9591, 20.2240, 20.9542



0.0000, 0.0000, 0.0000



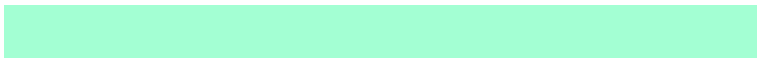
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4109, 53.2087, 49.1629



62.6103, 84.0097, 74.2670



44.7153, 54.5305, 66.5638



11.3057, 12.6320, 13.1673



15.2522, 27.8462, 13.2792



0.8251, 1.4519, 0.8865

Inverse Universe

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



43.0687, 36.1257, 44.7496



65.7114, 52.0609, 66.0159



40.4625, 35.0832, 31.0255



11.4347, 11.3026, 12.8237



17.1291, 8.6622, 8.3984



0.9220, 0.4622, 0.6350

Previews

White Background



This preview shows how the XYZ color 41.4094, 53.2065, 49.1617 looks on a white background.

Color Contrast Check

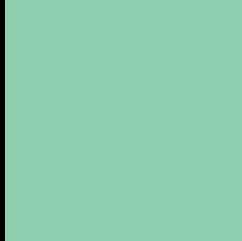
Large Text (above 18pt) WCAG AA × Fail

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 41.4094, 53.2065, 49.1617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

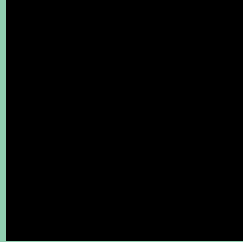
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4094, 53.2065, 49.1617

Background



This preview shows how black text looks on a background with the XYZ color 41.4094, 53.2065, 49.1617.



This preview shows how white text looks on a background with the XYZ color 41.4094, 53.2065,

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

41.4094, 53.2065, 49.1617

Protanopia

50.0049, 52.9439, 44.6294

Deuteranopia

53.6115, 52.4403, 50.4764



Tritanopia

45.9978, 52.9418, 72.7602

Trichromacy



Original Color

41.4094, 53.2065, 49.1617

Protanomaly

46.1393, 52.5761, 46.2445

Deuteranomaly

48.1929, 52.2134, 50.1860

Tritanomaly

44.0576, 52.8477, 63.1369

Monochromacy



Original Color

41.4094, 53.2065, 49.1617

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.5523, 49.4705, 50.9694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4094, 53.2065, 49.1617 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(144, 206, 176)` looks like.

```
.text, #text, p{  
    color:rgb(144, 206, 176)  
}
```

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(144, 206, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 206, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.4094, 53.2065, 49.1617 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(144, 206, 176) }
```


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

```
.border{ border-color:rgb(144, 206, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 206, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 206, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 206, 176); box-shadow:4px 4px 4px 4px rgb(144, 206, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4094, 53.2065, 49.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 206, 176) }
```

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

```
.background{ background-color: rgb(144,  
206, 176) }
```

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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