

Converting Colors

XYZ(41.9150, 51.0236, 64.1393)

Have a look what the booklet for
XYZ(41.9150, 51.0236, 64.1393)
contains.

XYZ(41.9150, 51.0236, 64.1393)	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(41.9150, 51.0236,
64.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC8CB
RGB	138, 200, 203
RGB Percent	54%, 78%, 80%
CMY	0.4588, 0.2157, 0.2039
CMYK	0.32, 0.01, 0.00, 0.20
HSL	183°, 38%, 67%
HSV	183°, 32%, 80%
XYZ	41.9150, 51.0236, 64.1393
YIQ	181.8040, -37.9150, -12.2110

Conversions

Conversions Part 2

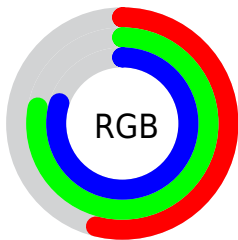
Format	Color
RYB	138, 170, 203
Decimal	9095371
CIELab	76.69, -18.96, -7.84
CIElCh	77, 20.516, 202.465
Yxy	51.0236, 0.2668, 0.3248
Android (android.graphics.Color)	4287285451 (0xFF8AC8CB)
YUV	181.8040, 10.4496, -38.4161
Hunter-Lab	71.4308, -20.2616, -3.2362

Details

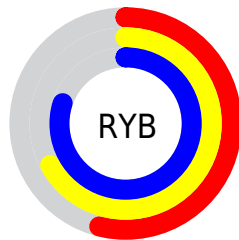
The XYZ color **41.9150, 51.0236, 64.1393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7416, 33.5817, 28.4859**, and the grayscale version is **44.3178, 46.6257, 50.7754**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **19.4500, 24.6590, 32.1683** is the 20% darker color. If you saturate the color by 10%, you get **38.6495, 49.0205, 63.9256**, and if you desaturate by 10%, it is **45.8126, 53.3570, 64.3851**.

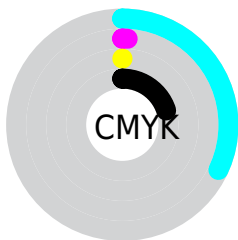
Distribution



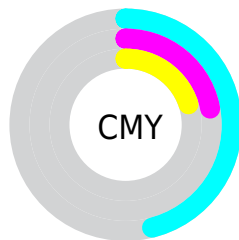
- Red (54%)
- Green (78%)
- Blue (80%)



- Red (54%)
- Yellow (67%)
- Blue (80%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9150, 51.0236, 64.1393 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 41.9150, 51.0236, 64.1393 by changing the saturation by 10% instead.

■ 41.9150, 51.0236,
64.1393

■ 41.9150, 51.0236,
64.1393

345.1281,
390.6555, 457.9138

■ 29.2256, 36.2274,
46.3166

■ 77.3369, 91.6897,
112.4129

■ 19.3967, 24.6099,
32.1453

■ 100.8001,
118.3283, 143.7009

■ 12.0629, 15.7866,
21.2067

■ 128.5853,
149.6832, 180.3145

■ 6.8591, 9.3733,
13.0825

161.0578,
186.1388, 222.6720

■ 3.4197, 4.9855,
7.3540

198.5830,
228.0794, 271.1922

■ 1.3794, 2.2387,
3.6027

241.5262,

■ 0.2415, 0.7410,

275.8894, 326.2935

1.4100

290.2528,
329.9533, 388.3945

■ 0.0000, 0.0000,
0.1495

■ 0.0000, 0.0000,
0.0000

■ 41.9150, 51.0236,
64.1393

■ 41.9150, 51.0236,
64.1393

■ 38.6495, 49.0205,
63.9256

■ 45.8126, 53.3570,
64.3851

■ 35.9765, 47.3236,
63.7390

■ 50.3700, 56.0313,
64.6611

■ 33.8591, 45.9150,
63.5787

■ 55.6189, 59.0641,
64.9699

■ 32.2541, 44.7726,
63.4428

■ 61.5875, 62.4699,
65.3127

■ 31.1123, 43.8709,
63.3289

■ 68.3026, 66.2624,
65.6908

■ 30.3747, 43.1795,
63.2343

■ 73.9999, 69.5323,
66.0216

■ 29.9912, 42.7349,
63.1687

■ 74.2254, 69.9833,
66.0968

■ 74.4523, 70.4371,
66.1724

■ 74.6805, 70.8935,
66.2485

Harmonies

Analogous

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



41.4608, 51.0236, 52.7973



41.9150, 51.0236, 64.1393



44.0858, 51.0236, 74.3081

Triad

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



41.9150, 51.0236, 64.1393



54.6651, 51.0236, 69.6373



49.4827, 51.0236, 36.9300

Complementary

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



41.9150, 51.0236, 64.1393



38.7416, 33.5817, 28.4859

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.



53.1918, 51.0236, 40.2582



41.9150, 51.0236, 64.1393



56.2861, 51.0236, 58.4092

Square

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



41.9150, 51.0236, 64.1393



51.4075, 51.0236, 77.7664



55.7330, 51.0236, 47.7748



45.6973, 51.0236, 38.0368

Rectangle

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



41.9150, 51.0236, 64.1393



46.2802, 51.0236, 78.5567



55.7330, 51.0236, 47.7748



50.7823, 51.0236, 37.5500

Sweetspot

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



41.9165, 51.0256, 64.1405



85.9088, 94.7323, 108.3650



36.5841, 50.0145, 32.6021



18.1339, 20.1289, 23.1795



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.



41.9165, 51.0256, 64.1405



66.5211, 83.2009, 107.1611



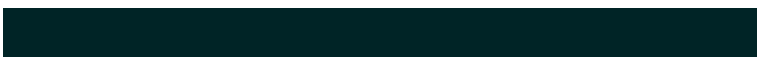
35.3261, 37.8447, 61.9437



11.4972, 12.6349, 14.4032



19.1049, 27.2338, 40.2060



0.9996, 1.4329, 2.0788

Inverse Universe

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



44.1436, 35.0448, 59.0835



70.8226, 52.6833, 97.3157



44.0968, 44.2920, 30.2710



11.6643, 11.3945, 14.0330



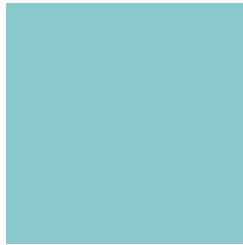
21.8542, 10.5523, 33.2804



1.1345, 0.5472, 1.7541

Previews

White Background



This preview shows how the XYZ color 41.9150, 51.0236, 64.1393 looks on a white background.

Color Contrast Check

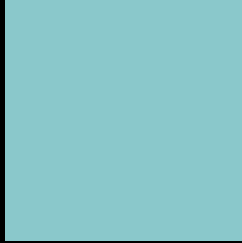
Large Text (above 18pt) WCAG AA × Fail

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 41.9150, 51.0236, 64.1393 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

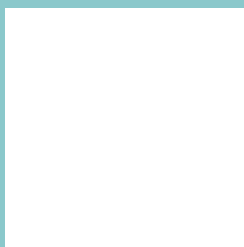
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9150, 51.0236, 64.1393

Background



This preview shows how black text looks on a background with the XYZ color 41.9150, 51.0236, 64.1393.



This preview shows how white text looks on a background with the XYZ color 41.9150, 51.0236,

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

41.9150, 51.0236, 64.1393

Protanopia

48.8559, 50.4279, 58.7883

Deuteranopia

51.6273, 50.4653, 65.4123



Tritanopia

43.3162, 50.9059, 71.1611

Trichromacy



Original Color

41.9150, 51.0236, 64.1393

Protanomaly

45.8373, 50.4344, 60.7450

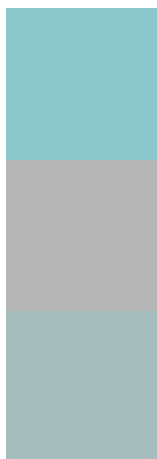
Deuteranomaly

47.3485, 50.1501, 64.9420

Tritanomaly

42.8715, 51.0754, 68.5717

Monochromacy



Original Color

41.9150, 51.0236, 64.1393

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.2177, 48.2199, 55.7447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9150, 51.0236, 64.1393 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(138, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(138, 200, 203)  
}
```

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(138, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 200, 203) }
```

Border

The CSS property to change the border of an element to XYZ 41.9150, 51.0236, 64.1393 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(138, 200, 203) }
```


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

```
.border{ border-color:rgb(138, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(138, 200,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9150, 51.0236, 64.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 200, 203) }
```

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

```
.background{ background-color: rgb(138,  
200, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor