

Converting Colors

XYZ(44.1749, 51.0667, 58.5210)

Have a look what the booklet for
XYZ(44.1749, 51.0667, 58.5210)
contains.

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Color

**XYZ(44.1755, 50.9520,
58.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C4C2
RGB	161, 196, 194
RGB Percent	63%, 77%, 76%
CMY	0.3686, 0.2314, 0.2392
CMYK	0.18, 0.00, 0.01, 0.23
HSL	177°, 23%, 70%
HSV	177°, 18%, 77%
XYZ	44.1755, 50.9520, 58.5454
YIQ	185.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

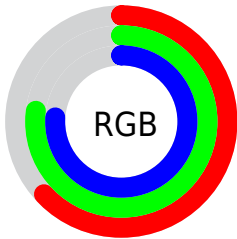
Format	Color
RYB	161, 179, 196
Decimal	10601666
CIELab	76.65, -12.05, -2.89
CIElCh	77, 12.392, 193.493
Yxy	50.9520, 0.2875, 0.3316
Android (android.graphics.Color)	4288791746 (0xFFA1C4C2)
YUV	185.3070, 4.2856, -21.3172
Hunter-Lab	71.3807, -14.4475, 1.3377

Details

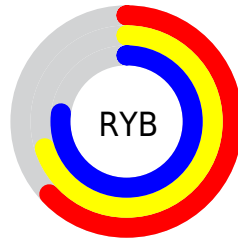
The XYZ color **44.1755, 50.9520, 58.5454** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1225, 39.8713, 40.1283**, and the grayscale version is **46.2711, 48.6808, 53.0134**.

A 20% lighter version of the original color is **80.6995, 91.7516, 103.8990**, and **20.7133, 24.4907, 28.4464** is the 20% darker color. If you saturate the color by 10%, you get **40.4060, 49.0246, 57.7150**, and if you desaturate by 10%, it is **48.5680, 53.2032, 59.4121**.

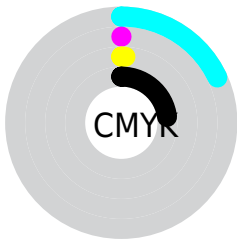
Distribution



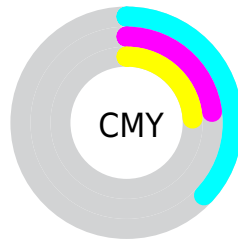
- Red (63%)
- Green (77%)
- Blue (76%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1755, 50.9520, 58.5454 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 44.1755, 50.9520, 58.5454 by changing the saturation by 10% instead.

■ 44.1755, 50.9520,
58.5454

■ 44.1755, 50.9520,
58.5454

354.2641,
390.3773, 436.8700

■ 31.0070, 36.1704,
41.8297

■ 80.7265, 91.5838,
104.2393

■ 20.7560, 24.5658,
28.6434

■ 104.8397,
118.2028, 134.0545

■ 13.0572, 15.7539,
18.5679

133.3318,
149.5364, 169.0733

■ 7.5452, 9.3502,
11.1849

166.5682,
185.9690, 209.7143

■ 3.8547, 4.9703,
6.0756

204.9143,
227.8850, 256.3959

■ 1.6203, 2.2298,
2.8216

248.7354,

■ 0.4056, 0.7362,

275.6688, 309.5367

1.0043

298.3969,
329.7048, 369.5552

■ 0.0000, 0.0000,
0.0000

■ 44.1755, 50.9520,
58.5454

■ 44.1755, 50.9520,
58.5454

■ 40.4060, 49.0246,
57.7150

■ 48.5680, 53.2032,
59.4121

■ 37.2265, 47.3999,
56.9161

■ 53.6061, 55.7857,
60.3129

■ 34.6072, 46.0639,
56.1483


■ 59.3166, 58.7147,
61.2501


■ 32.5144, 44.9992,
55.4101


■ 65.7233, 62.0025,
62.2249


■ 30.9104, 44.1863,
54.6997


■ 71.3605, 64.8936,
63.1688


 29.7528, 43.6035,
54.0151


 71.4918, 64.9461,
63.8599


 28.9918, 43.2251,
53.3540

 71.6240, 64.9990,
64.5561

 28.5535, 43.0129,
52.7128

 71.7572, 65.0522,
65.2574

 28.4756, 42.9756,
52.5769

 71.8913, 65.1059,
65.9639

Harmonies

Analogous

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



44.2333, 50.9520, 51.8898



44.1755, 50.9520, 58.5454



45.2309, 50.9520, 64.8473

Triad

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



44.1755, 50.9520, 58.5454



51.5979, 50.9520, 65.3817



49.7206, 50.9520, 43.9969

Complementary

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



44.1755, 50.9520, 58.5454



42.1225, 39.8713, 40.1283

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.



51.7731, 50.9520, 47.0578



44.1755, 50.9520, 58.5454



52.8806, 50.9520, 59.2281

Square

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



44.1755, 50.9520, 58.5454



49.4879, 50.9520, 69.0038



52.9457, 50.9520, 52.5198



47.3841, 50.9520, 43.8465

Rectangle

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



44.1755, 50.9520, 58.5454



46.4440, 50.9520, 67.8527



52.9457, 50.9520, 52.5198



50.4684, 50.9520, 44.7076

Sweetspot

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



44.1770, 50.9541, 58.5465



90.3966, 97.6146, 108.0703



41.3471, 49.8770, 41.1671



19.2139, 20.8245, 23.1068



0.0000, 0.0000, 0.0000



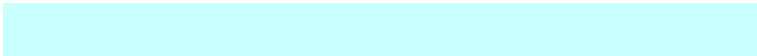
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1770, 50.9541, 58.5465



77.5291, 91.0242, 105.5256



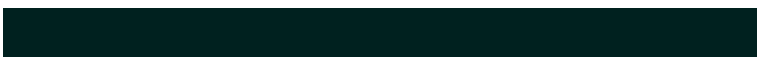
41.1533, 44.5443, 58.6559



10.3428, 11.4182, 12.8087



18.3070, 27.6169, 33.8394



0.7987, 1.1963, 1.5027

Inverse Universe

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



42.1225, 39.8713, 40.1283



73.1925, 67.6277, 66.6462



44.7578, 45.4268, 40.1284



10.0960, 10.0870, 10.5963



14.6779, 7.5609, 0.9497



0.6424, 0.3300, 0.0843

Previews

White Background



This preview shows how the XYZ color 44.1755, 50.9520, 58.5454 looks on a white background.

Color Contrast Check

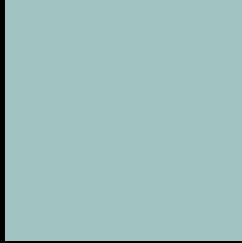
Large Text (above 18pt) WCAG AA × Fail

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 44.1755, 50.9520, 58.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

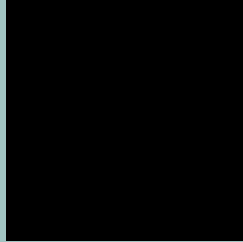
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

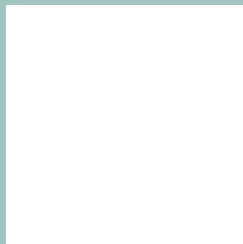
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1755, 50.9520, 58.5454

Background



This preview shows how black text looks on a background with the XYZ color 44.1755, 50.9520, 58.5454.



This preview shows how white text looks on a background with the XYZ color 44.1755, 50.9520,

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

44.1755, 50.9520, 58.5454

Protanopia

48.9068, 50.8470, 55.3809

Deuteranopia

51.6401, 50.5947, 59.8673



Tritanopia

46.1103, 51.0795, 67.7507

Trichromacy



Original Color

44.1755, 50.9520, 58.5454

Protanomaly

47.0908, 50.8469, 56.6227

Deuteranomaly

48.6861, 50.6433, 59.4337

Tritanomaly

45.5184, 51.1764, 64.6057

Monochromacy



Original Color

44.1755, 50.9520, 58.5454

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1792, 49.2561, 54.7031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1755, 50.9520, 58.5454 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(161, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 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(161, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.1755, 50.9520, 58.5454 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(161, 196, 194) }
```


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

```
.border{ border-color:rgb(161, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1755, 50.9520, 58.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 194) }
```

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

```
.background{ background-color: rgb(161,  
196, 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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