

Converting Colors

XYZ(41.6227, 58.2198, 39.7093)

Have a look what the booklet for
XYZ(41.6227, 58.2198, 39.7093)
contains.

XYZ(41.6455, 58.3994, 39.6491)	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(41.6455, 58.3994,
39.6491)**

Conversions

Conversions Part 1

Format	Color
Hex	8ADB9A
RGB	138, 219, 154
RGB Percent	54%, 86%, 60%
CMY	0.4588, 0.1412, 0.3961
CMYK	0.37, 0.00, 0.30, 0.14
HSL	132°, 53%, 70%
HSV	132°, 37%, 86%
XYZ	41.6455, 58.3994, 39.6491
YIQ	187.3710, -27.4110, -37.3870

Conversions

Conversions Part 2

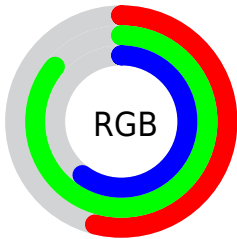
Format	Color
RYB	138, 206, 219
Decimal	9100186
CIELab	80.96, -38.17, 24.35
CIELCh	81, 45.276, 147.460
Yxy	58.3994, 0.2981, 0.4181
Android (android.graphics.Color)	4287290266 (0xFF8ADB9A)
YUV	187.3710, -16.4519, -43.2984
Hunter-Lab	76.4195, -36.4589, 22.7319

Details

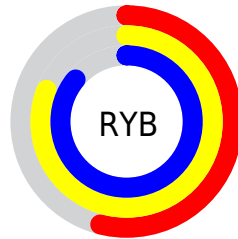
The XYZ color **41.6455, 58.3994, 39.6491** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **49.0833, 37.5501, 61.1632**, and the grayscale version is **47.5460, 50.0221, 54.4741**.

A 20% lighter version of the original color is **69.5168, 87.5928, 73.5648**, and **19.1516, 29.0385, 17.1660** is the 20% darker color. If you saturate the color by 10%, you get **37.0229, 56.1750, 32.3438**, and if you desaturate by 10%, it is **47.2160, 61.0911, 48.1200**.

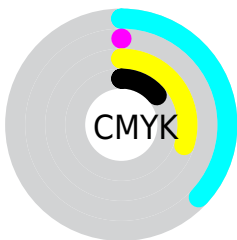
Distribution



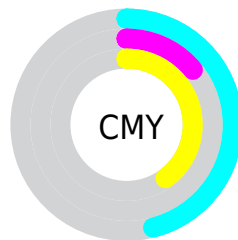
- Red (54%)
- Green (86%)
- Blue (60%)



- Red (54%)
- Yellow (81%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)





- Cyan (46%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6455, 58.3994, 39.6491 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 41.6455, 58.3994, 39.6491 by changing the saturation by 10% instead.


 41.6455, 58.3994,
39.6491


 41.6455, 58.3994,
39.6491


344.0280,
418.6725, 360.1504


 29.0137, 42.1298,
26.9534


 76.9314, 102.5042,
75.8601

 19.2355, 29.2030,
17.3061


 100.3161,
131.1083, 100.2125

 11.9456, 19.2344,
10.2887


 128.0159,
164.5927, 129.2874

 6.7786, 11.8398,
5.4827

160.3961,
203.3417, 163.5035

 3.3691, 6.6347,
2.4695

197.8221,
247.7398, 203.2794

 1.3518, 3.2347,
0.8239

240.6591,

 0.2215, 1.2555,

298.1714, 249.0334

0.0000

289.2726,
355.0208, 301.1842

■ 0.0000, 0.1063,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6455, 58.3994,
39.6491

■ 41.6455, 58.3994,
39.6491

■ 37.0229, 56.1750,
32.3438

■ 47.2160, 61.0911,
48.1200

■ 33.2903, 54.3840,
26.1492

■ 53.7791, 64.2670,
57.8003

■ 30.3902, 52.9996,
21.0119

■ 61.3820, 67.9523,
68.7365

■ 28.2565, 51.9891,
16.8726

■ 70.0676, 72.1680,
80.9712

■ 26.8125, 51.3141,
13.6658

■ 79.8764, 76.9344,
94.5452

■ 25.9603, 50.9259,
11.3182

■ 84.6226, 79.1453,
105.4242

■ 25.7735, 50.8416,
10.7656

Harmonies

Analogous

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



47.5967, 58.3994, 27.8778



41.6455, 58.3994, 39.6491



39.3648, 58.3994, 61.3251

Triad

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



41.6455, 58.3994, 39.6491



54.7114, 58.3994, 130.4261



73.1023, 58.3994, 42.6141

Complementary

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



41.6455, 58.3994, 39.6491



49.0833, 37.5501, 61.1632

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.



75.5500, 58.3994, 65.9039



41.6455, 58.3994, 39.6491



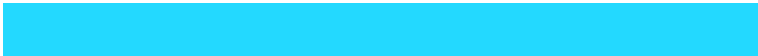
64.2482, 58.3994, 121.3307

Square

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



41.6455, 58.3994, 39.6491



46.3580, 58.3994, 117.8429



72.1461, 58.3994, 95.6216



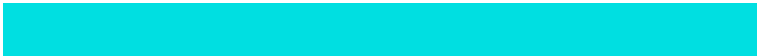
65.7866, 58.3994, 29.2200

Rectangle

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



41.6455, 58.3994, 39.6491



40.0153, 58.3994, 80.3828



72.1461, 58.3994, 95.6216



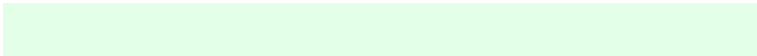
74.5553, 58.3994, 49.3107

Sweetspot

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



41.6470, 58.4018, 39.6504



82.0581, 93.6969, 90.4703



54.8642, 65.3594, 33.7693



17.2488, 19.9023, 18.9115



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.



41.6470, 58.4018, 39.6504



53.8413, 80.0571, 48.1945



45.4792, 59.9347, 59.8306



12.9911, 14.6481, 14.4163



15.3128, 30.1577, 6.5465



1.0228, 1.9661, 0.5859

Inverse Universe

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



49.0833, 37.5501, 61.1632



65.7172, 46.7188, 82.5227



44.9729, 35.9059, 39.5178



13.4984, 13.2285, 15.8857



21.9932, 10.7983, 25.4080



1.4535, 0.7110, 1.7972

Previews

White Background



This preview shows how the XYZ color 41.6455, 58.3994, 39.6491 looks on a white background.

Color Contrast Check

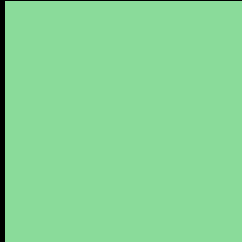
Large Text (above 18pt) WCAG AA × Fail

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 41.6455, 58.3994, 39.6491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

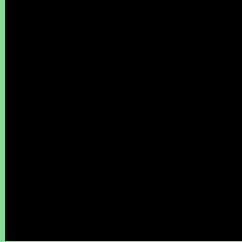
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6455, 58.3994, 39.6491

Background



This preview shows how black text looks on a background with the XYZ color 41.6455, 58.3994, 39.6491.

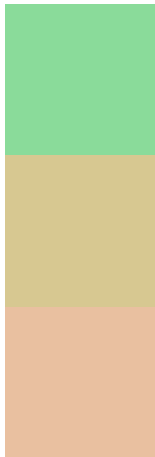


This preview shows how white text looks on a background with the XYZ color 41.6455, 58.3994,

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

41.6455, 58.3994, 39.6491

Protanopia

53.7894, 57.8000, 35.1096

Deuteranopia

58.7991, 57.5610, 41.2690



Tritanopia

50.0486, 58.4115, 81.3098

Trichromacy



Original Color

41.6455, 58.3994, 39.6491



Protanomaly

48.1516, 57.3286, 36.5446



Deuteranomaly

50.5808, 56.7154, 40.6290



Tritanomaly

46.4323, 58.0545, 63.4020

Monochromacy



Original Color

41.6455, 58.3994, 39.6491



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

44.5235, 52.3770, 48.3206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6455, 58.3994, 39.6491 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, 219, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 154)  
}
```

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, 219, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 154) }
```

Border

The CSS property to change the border of an element to XYZ 41.6455, 58.3994, 39.6491 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, 219, 154) }
```


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

```
.border{ border-color:rgb(138, 219, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 154);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6455, 58.3994, 39.6491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 154) }
```

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

```
.background{ background-color: rgb(138,  
219, 154) }
```

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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