

Converting Colors

XYZ(44.1592, 58.5146, 40.8653)

Have a look what the booklet for
XYZ(44.1592, 58.5146, 40.8653)
contains.

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Color

**XYZ(44.1592, 58.5146,
40.8653)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD89D
RGB	155, 216, 157
RGB Percent	61%, 85%, 62%
CMY	0.3922, 0.1529, 0.3843
CMYK	0.28, 0.00, 0.27, 0.15
HSL	122°, 44%, 73%
HSV	122°, 28%, 85%
XYZ	44.1592, 58.5146, 40.8653
YIQ	191.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

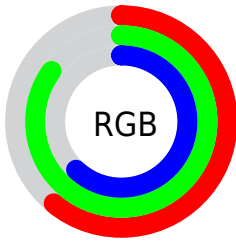
Format	Color
RYB	155, 214, 216
Decimal	10213533
CIELab	81.02, -30.95, 23.02
CIElCh	81, 38.572, 143.363
Yxy	58.5146, 0.3076, 0.4077
Android (android.graphics.Color)	4288403613 (0xFF9BD89D)
YUV	191.0350, -16.7793, -31.6027
Hunter-Lab	76.4948, -30.8209, 21.8723

Details

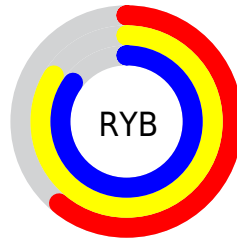
The XYZ color **44.1592, 58.5146, 40.8653** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.1798, 42.8978, 69.1505**, and the grayscale version is **49.6443, 52.2296, 56.8781**.

A 20% lighter version of the original color is **74.5076, 90.1224, 75.7557**, and **20.7742, 29.3344, 17.9318** is the 20% darker color. If you saturate the color by 10%, you get **38.7450, 55.9139, 32.0840**, and if you desaturate by 10%, it is **50.6230, 61.6245, 51.2902**.

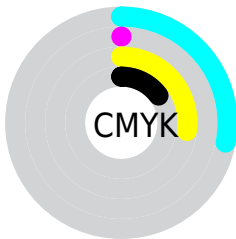
Distribution



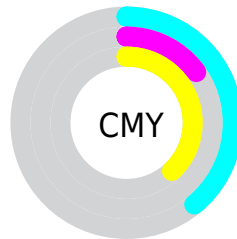
- Red (61%)
- Green (85%)
- Blue (62%)



- Red (61%)
- Yellow (84%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)



- Cyan (39%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1592, 58.5146, 40.8653 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 44.1592, 58.5146, 40.8653 by changing the saturation by 10% instead.

■ 44.1592, 58.5146,
40.8653

■ 44.1592, 58.5146,
40.8653

354.1988,
419.1007, 365.4173

■ 30.9941, 42.2225,
27.8949

■ 80.7021, 102.6719,
77.7308

■ 20.7462, 29.2756,
18.0081

■ 104.8107,
131.3058, 102.4631

■ 13.0500, 19.2894,
10.7863

133.2978,
164.8225, 131.9530

■ 7.5402, 11.8796,
5.8110

166.5287,
203.6063, 166.6192

■ 3.8515, 6.6617,
2.6636

204.8690,
248.0416, 206.8802

■ 1.6185, 3.2515,
0.9250

248.6838,

■ 0.4044, 1.2644,

298.5129, 253.1545

0.0000

298.3387,
355.4044, 305.8607

■ 0.0000, 0.1134,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.1592, 58.5146,
40.8653

■ 44.1592, 58.5146,
40.8653

■ 38.7450, 55.9139,
32.0840

■ 50.6230, 61.6245,
51.2902

■ 34.3208, 53.7885,
24.8589

■ 58.1829, 65.2608,
63.4325

■ 30.8280, 52.1117,
19.1004

■ 66.8880, 69.4491,
77.3662

■ 28.2000, 50.8515,
14.7081

■ 76.7832, 74.2109,
93.1596

■ 26.3614, 49.9712,
11.5693

■ 83.8470, 77.5940,
105.1657

■ 25.2238, 49.4282,
9.5529

■ 24.6636, 49.1621,
8.4987

■ 24.5958, 49.1296,
8.3901

Harmonies

Analogous

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



49.7343, 58.5146, 31.2133



44.1592, 58.5146, 40.8653



41.6882, 58.5146, 58.7532

Triad

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



44.1592, 58.5146, 40.8653



53.8567, 58.5146, 118.2817



70.9734, 58.5146, 47.7846

Complementary

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



44.1592, 58.5146, 40.8653



52.1798, 42.8978, 69.1505

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.



72.3453, 58.5146, 68.9432



44.1592, 58.5146, 40.8653



61.9449, 58.5146, 113.3400

Square

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



44.1592, 58.5146, 40.8653



46.9293, 58.5146, 106.0248



68.9014, 58.5146, 93.7972



65.3143, 58.5146, 34.4871

Rectangle

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



44.1592, 58.5146, 40.8653



41.9475, 58.5146, 74.4510



68.9014, 58.5146, 93.7972



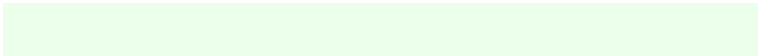
71.9723, 58.5146, 54.0595

Sweetspot

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



44.1607, 58.5171, 40.8666



84.9233, 95.1279, 92.6869



58.4942, 65.9258, 40.6527



17.7957, 20.1778, 19.2272



0.0000, 0.0000, 0.0000



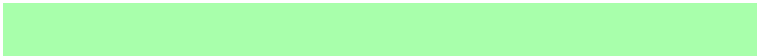
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1607, 58.5171, 40.8666



59.3368, 82.8236, 51.4593



46.9930, 59.6500, 55.7812



12.2788, 13.9025, 13.2824



14.5653, 29.0815, 5.0066



0.8844, 1.7564, 0.3332

Inverse Universe

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



52.1798, 42.8978, 69.1505



72.8935, 56.4143, 99.2722



48.7445, 41.5237, 51.0607



12.9346, 12.6253, 15.5959



23.5758, 11.3667, 36.6660



1.4276, 0.6878, 2.2413

Previews

White Background



This preview shows how the XYZ color 44.1592, 58.5146, 40.8653 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 44.1592, 58.5146, 40.8653 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 44.1592, 58.5146, 40.8653

Background



This preview shows how black text looks on a background with the XYZ color 44.1592, 58.5146, 40.8653.



This preview shows how white text looks on a background with the XYZ color 44.1592, 58.5146,

40.8653.

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
44.1592, 58.5146, 40.8653
Protanopia
54.1836, 57.9576, 37.1853
Deuteranopia
59.1958, 58.0722, 42.2715



Tritanopia

51.7037, 58.2230, 79.0341

Trichromacy



Original Color

44.1592, 58.5146, 40.8653

Protanomaly

49.8134, 57.7800, 38.6642

Deuteranomaly

52.4086, 57.2905, 41.5536

Tritanomaly

48.5762, 58.0498, 63.2881

Monochromacy



Original Color

44.1592, 58.5146, 40.8653

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

47.1511, 54.0282, 50.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1592, 58.5146, 40.8653 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(155, 216, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 216, 157)  
}
```

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(155, 216, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 216, 157) }
```

Border

The CSS property to change the border of an element to XYZ 44.1592, 58.5146, 40.8653 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(155, 216, 157) }
```


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

```
.border{ border-color:rgb(155, 216, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 216, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 216, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 216, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 216,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1592, 58.5146, 40.8653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 216, 157) }
```

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

```
.background{ background-color: rgb(155,  
216, 157) }
```

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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