

Converting Colors

XYZ(28.5201, 42.2548, 26.4613)

Have a look what the booklet for
XYZ(28.5201, 42.2548, 26.4613)
contains.

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Color

**XYZ(28.5594, 42.2698,
26.3923)**

Conversions

Conversions Part 1

Format	Color
Hex	6AC07E
RGB	106, 192, 126
RGB Percent	42%, 75%, 49%
CMY	0.5843, 0.2470, 0.5059
CMYK	0.45, 0.00, 0.34, 0.25
HSL	134°, 41%, 58%
HSV	134°, 45%, 75%
XYZ	28.5594, 42.2698, 26.3923
YIQ	158.7620, -30.0700, -38.7580

Conversions

Conversions Part 2

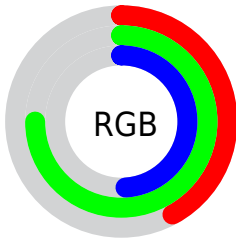
Format	Color
RYB	106, 176, 192
Decimal	6996094
CIELab	71.06, -40.35, 25.40
CIElCh	71, 47.677, 147.813
Yxy	42.2698, 0.2938, 0.4348
Android (android.graphics.Color)	4285186174 (0xFF6AC07E)
YUV	158.7620, -16.1517, -46.2723
Hunter-Lab	65.0152, -35.3665, 21.4425

Details

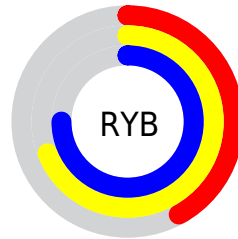
The XYZ color **28.5594, 42.2698, 26.3923** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **34.3400, 24.4940, 41.9492**, and the grayscale version is **32.9281, 34.6429, 37.7261**.

A 20% lighter version of the original color is **56.7103, 78.5831, 54.8269**, and **11.7084, 19.3769, 9.9605** is the 20% darker color. If you saturate the color by 10%, you get **25.6463, 40.8711, 21.6533**, and if you desaturate by 10%, it is **32.1256, 43.9913, 31.8948**.

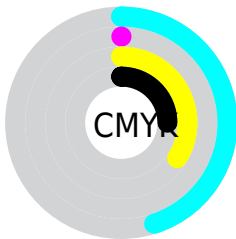
Distribution



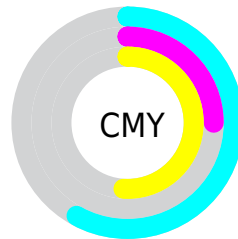
- Red (42%)
- Green (75%)
- Blue (49%)



- Red (42%)
- Yellow (69%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)





- Cyan (58%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5594, 42.2698, 26.3923 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 28.5594, 42.2698, 26.3923 by changing the saturation by 10% instead.


 28.5594, 42.2698,
26.3923


 28.5594, 42.2698,
26.3923


287.1622,
355.6001, 298.3691


 18.8904, 29.3126,
16.8890


 56.7787, 78.6078,
54.8990


 11.6946, 19.3174,
9.9942


 76.0598, 102.7574,
74.7394

 6.6068, 11.8999,
5.2896


 99.2755, 131.4066,
98.8626

 3.2616, 6.6755,
2.3565

 126.7913,
164.9397, 127.6871

 1.2936, 3.2600,
0.7626

158.9725,
203.7413, 161.6315

 0.1784, 1.2689,
0.0000

196.1845,

 0.0000, 0.1170,

248.1956, 201.1142

0.0000

238.7926,
298.6871, 246.5539

■ 0.0000, 0.0000,
0.0000

■ 28.5594, 42.2698,
26.3923

■ 28.5594, 42.2698,
26.3923

■ 25.6463, 40.8711,
21.6533

■ 32.1256, 43.9913,
31.8948

■ 23.3425, 39.7699,
17.6412

■ 36.3786, 46.0489,
38.1897

■ 21.6036, 38.9451,
14.3206


■ 41.3537, 48.4613,
45.3076


■ 20.3778, 38.3710,
11.6522


■ 47.0829, 51.2444,
53.2768


■ 19.6028, 38.0163,
9.5922


■ 53.5961, 54.4130,
62.1243

 19.3174, 37.8877,
8.7426

 60.9217, 57.9812,
71.8757

 69.0865, 61.9624,
82.5559

 76.4019, 65.4855,
94.1082

 78.1404, 66.1809,
103.2635

Harmonies

Analogous

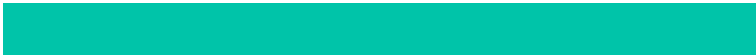
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.4460, 42.2698, 17.1110



28.5594, 42.2698, 26.3923



26.7340, 42.2698, 44.3714

Triad

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



28.5594, 42.2698, 26.3923



39.5947, 42.2698, 105.2335



55.3001, 42.2698, 28.4439

Complementary

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



28.5594, 42.2698, 26.3923



34.3400, 24.4940, 41.9492

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.



57.5041, 42.2698, 47.7184



28.5594, 42.2698, 26.3923



47.7535, 42.2698, 96.7347

Square

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



28.5594, 42.2698, 26.3923



32.5584, 42.2698, 94.0148



54.5802, 42.2698, 73.5628



48.8982, 42.2698, 17.9909

Rectangle

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



28.5594, 42.2698, 26.3923



27.2889, 42.2698, 60.7875



54.5802, 42.2698, 73.5628



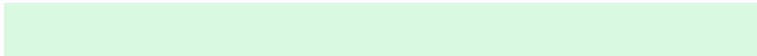
56.5907, 42.2698, 33.8693

Sweetspot

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



28.5605, 42.2716, 26.3933



76.4790, 88.5587, 84.2740



38.7675, 47.6680, 20.7936



15.9412, 18.7725, 17.4233



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.5605, 42.2716, 26.3933



46.4333, 74.0366, 39.1749



31.8285, 43.5788, 43.6024



10.0383, 11.2964, 11.2049



13.0234, 25.5034, 6.0163



0.5903, 1.1130, 0.4051

Inverse Universe

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



34.3400, 24.4940, 41.9492



58.2367, 37.6456, 70.8820



30.9474, 23.1369, 24.0839



10.3939, 10.2062, 12.1646



18.2208, 8.9781, 19.6067



0.8123, 0.3979, 0.9788

Previews

White Background



This preview shows how the XYZ color 28.5594, 42.2698, 26.3923 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 28.5594, 42.2698, 26.3923 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 28.5594, 42.2698, 26.3923

Background



This preview shows how black text looks on a background with the XYZ color 28.5594, 42.2698, 26.3923.



This preview shows how white text looks on a background with the XYZ color 28.5594, 42.2698,

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

28.5594, 42.2698, 26.3923

Protanopia

38.7071, 41.7599, 23.1599

Deuteranopia

42.4297, 41.6349, 27.6298



Tritanopia

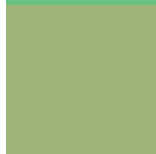
35.1526, 42.0818, 59.6959

Trichromacy



Original Color

28.5594, 42.2698, 26.3923



Protanomaly

33.8730, 41.2921, 24.2740



Deuteranomaly

35.5077, 40.5965, 27.0835



Tritanomaly

32.2078, 41.8094, 45.4022

Monochromacy



Original Color

28.5594, 42.2698, 26.3923



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

30.6446, 36.8079, 33.0932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5594, 42.2698, 26.3923 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(106, 192, 126)` looks like.

```
.text, #text, p{  
    color:rgb(106, 192, 126)  
}
```

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(106, 192, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 192, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.5594, 42.2698, 26.3923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

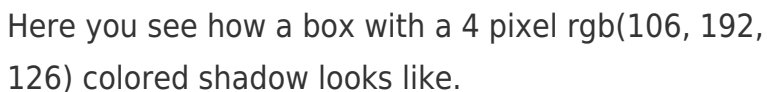
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 192, 126) }
```


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

```
.border{ border-color:rgb(106, 192, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 192, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 192, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 192, 126); box-shadow:4px 4px 4px 4px rgb(106, 192, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5594, 42.2698, 26.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 192, 126) }
```

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

```
.background{ background-color: rgb(106,  
192, 126) }
```

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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