

Converting Colors

XYZ(27.7542, 40.6545, 32.4130)

Have a look what the booklet for
XYZ(27.7542, 40.6545, 32.4130)
contains.

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Color

**XYZ(27.7716, 40.7580,
32.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBD8F
RGB	94, 189, 143
RGB Percent	37%, 74%, 56%
CMY	0.6314, 0.2588, 0.4392
CMYK	0.50, 0.00, 0.24, 0.26
HSL	151°, 42%, 55%
HSV	151°, 50%, 74%
XYZ	27.7716, 40.7580, 32.3900
YIQ	155.3510, -41.8540, -34.4460

Conversions

Conversions Part 2

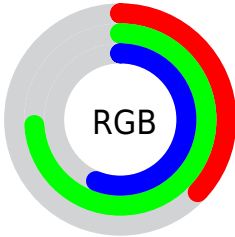
Format	Color
RYB	94, 157, 189
Decimal	6208911
CIELab	70.01, -38.93, 14.78
CIElCh	70, 41.640, 159.215
Yxy	40.7580, 0.2752, 0.4039
Android (android.graphics.Color)	4284398991 (0xFF5EBD8F)
YUV	155.3510, -6.0890, -53.8048
Hunter-Lab	63.8420, -34.0751, 14.6088

Details

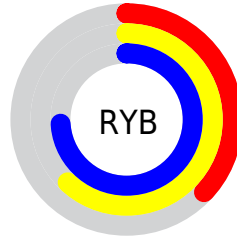
The XYZ color **27.7716, 40.7580, 32.3900** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.7239, 20.7186, 27.2449**, and the grayscale version is **31.3516, 32.9843, 35.9199**.

A 20% lighter version of the original color is **55.6115, 76.4268, 64.6441**, and **11.2994, 18.4583, 13.3232** is the 20% darker color. If you saturate the color by 10%, you get **25.4005, 39.6136, 28.8068**, and if you desaturate by 10%, it is **30.6759, 42.1729, 36.2952**.

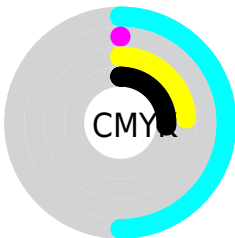
Distribution



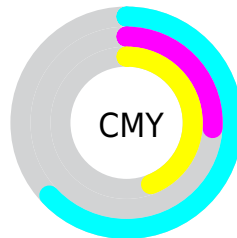
- Red (37%)
- Green (74%)
- Blue (56%)



- Red (37%)
- Yellow (62%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7716, 40.7580, 32.3900 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 27.7716, 40.7580, 32.3900 by changing the saturation by 10% instead.


 27.7716, 40.7580,
32.3900


 27.7716, 40.7580,
32.3900


283.4738,
349.3082, 327.4393


 18.2931, 28.1300,
21.3923


 55.5308, 76.3164,
64.5270


 11.2616, 18.4237,
13.2170


 74.5422, 100.0156,
86.5033

 6.3117, 11.2546,
7.4457


 97.4620, 128.1740,
112.9763

 3.0780, 6.2384,
3.6597

 124.6555,
161.1761, 144.3644

 1.1951, 2.9906,
1.4406

156.4881,
199.4061, 181.0862

 0.1025, 1.1268,
0.1731

193.3251,

 0.0000, 0.0007,

243.2485, 223.5603

0.0000

235.5319,
293.0878, 272.2051

■ 0.0000, 0.0000,
0.0000

■ 27.7716, 40.7580,
32.3900

■ 27.7716, 40.7580,
32.3900

■ 25.4005, 39.6136,
28.8068

■ 30.6759, 42.1729,
36.2952

■ 23.5229, 38.7162,
25.5342

■ 34.1433, 43.8703,
40.5280

■ 22.0981, 38.0459,
22.5638

■ 38.2049, 45.8672,
45.0972

■ 21.0774, 37.5779,
19.8857

■ 42.8888, 48.1780,
50.0106

■ 20.3786, 37.2687,
17.5474

■ 48.2211, 50.8159,
55.2754

■ 54.2266, 53.7935,
60.8989

■ 60.9284, 57.1229,
66.8879

■ 68.3488, 60.8151,
73.2493

■ 73.0794, 63.1130,
79.8289

Harmonies

Analogous

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



31.0583, 40.7580, 21.2579



27.7716, 40.7580, 32.3900



27.2296, 40.7580, 50.6389

Triad

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



27.7716, 40.7580, 32.3900



40.8676, 40.7580, 92.4557



49.7589, 40.7580, 24.6901

Complementary

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



27.7716, 40.7580, 32.3900



29.7239, 20.7186, 27.2449

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.



53.1062, 40.7580, 38.6567



27.7716, 40.7580, 32.3900



47.5924, 40.7580, 80.1029

Square

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



27.7716, 40.7580, 32.3900



34.2891, 40.7580, 89.3103



52.2702, 40.7580, 59.0110



43.5587, 40.7580, 17.7992

Rectangle

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



27.7716, 40.7580, 32.3900



28.4263, 40.7580, 65.2414



52.2702, 40.7580, 59.0110



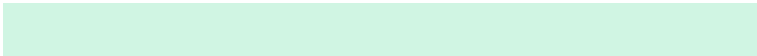
51.2861, 40.7580, 28.5177

Sweetspot

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



27.7727, 40.7597, 32.3909



72.4947, 84.1525, 85.1093



31.2890, 42.9117, 17.2239



15.2148, 17.9117, 17.9064



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.7727, 40.7597, 32.3909



45.2289, 70.8195, 51.1655



32.0003, 42.4507, 54.6532



9.6087, 10.7296, 11.1887



13.7496, 25.0901, 12.0103



0.5715, 0.9960, 0.6439

Inverse Universe

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



29.7239, 20.7186, 27.2449



49.1121, 30.9631, 40.9450



27.0105, 19.6332, 12.9562



9.7174, 9.6113, 10.9010



15.4441, 7.8088, 7.6324



0.6380, 0.3191, 0.4731

Previews

White Background



This preview shows how the XYZ color 27.7716, 40.7580, 32.3900 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 27.7716, 40.7580, 32.3900 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 27.7716, 40.7580, 32.3900

Background



This preview shows how black text looks on a background with the XYZ color 27.7716, 40.7580, 32.3900.

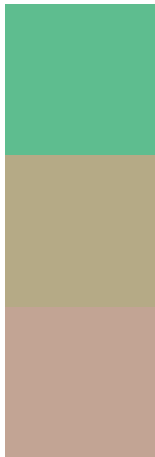


This preview shows how white text looks on a background with the XYZ color 27.7716, 40.7580,

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

27.7716, 40.7580, 32.3900

Protanopia

37.7339, 40.2944, 28.3431

Deuteranopia

40.8689, 40.1584, 33.6143



Tritanopia

33.1127, 40.7383, 58.9414

Trichromacy



Original Color

27.7716, 40.7580, 32.3900



Protanomaly

32.6319, 39.6400, 29.5983



Deuteranomaly

34.2324, 39.2316, 32.9623



Tritanomaly

30.9937, 40.8153, 47.8396

Monochromacy



Original Color

27.7716, 40.7580, 32.3900



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.0775, 34.8583, 34.4739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7716, 40.7580, 32.3900 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(94, 189, 143)` looks like.

```
.text, #text, p{  
    color:rgb(94, 189, 143)  
}
```

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(94, 189, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 189, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.7716, 40.7580, 32.3900 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(94, 189, 143) }
```


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

```
.border{ border-color:rgb(94, 189, 143) }
```

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

Here you see how a box with a 4 pixel rgb(94, 189, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 189, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 189, 143);  
box-shadow:4px 4px 4px 4px rgb(94, 189,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7716, 40.7580, 32.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 189, 143) }
```

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

```
.background{ background-color: rgb(94, 189,  
143) }
```

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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