

Converting Colors

XYZ(26.6330, 39.9624, 27.4421)

Have a look what the booklet for
XYZ(26.6330, 39.9624, 27.4421)
contains.

XYZ(26.6286, 39.9578, 27.4283)	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(26.6286, 39.9578,
27.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBC82
RGB	94, 188, 130
RGB Percent	37%, 74%, 51%
CMY	0.6314, 0.2627, 0.4902
CMYK	0.50, 0.00, 0.31, 0.26
HSL	143°, 41%, 55%
HSV	143°, 50%, 74%
XYZ	26.6286, 39.9578, 27.4283
YIQ	153.2820, -37.4060, -37.9660

Conversions

Conversions Part 2

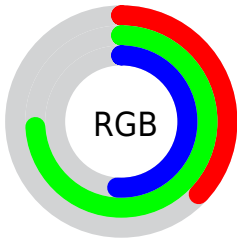
Format	Color
RYB	94, 162, 188
Decimal	6208642
CIELab	69.44, -41.10, 21.00
CIELCh	69, 46.157, 152.940
Yxy	39.9578, 0.2832, 0.4250
Android (android.graphics.Color)	4284398722 (0xFF5EBC82)
YUV	153.2820, -11.4780, -51.9903
Hunter-Lab	63.2122, -35.4269, 18.5221

Details

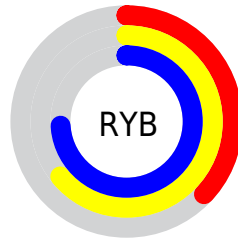
The XYZ color **26.6286, 39.9578, 27.4283** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.4105, 20.9647, 32.1510**, and the grayscale version is **30.4622, 32.0486, 34.9009**.

A 20% lighter version of the original color is **53.7773, 75.2077, 56.4819**, and **10.6328, 17.9695, 10.4975** is the 20% darker color. If you saturate the color by 10%, you get **24.1953, 38.7895, 23.4768**, and if you desaturate by 10%, it is **29.6213, 41.4066, 31.8660**.

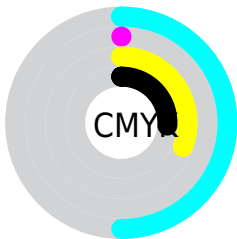
Distribution



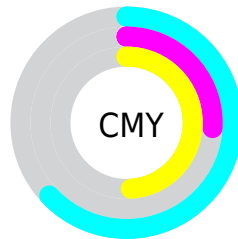
- Red (37%)
- Green (74%)
- Blue (51%)



- Red (37%)
- Yellow (64%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6286, 39.9578, 27.4283 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 26.6286, 39.9578, 27.4283 by changing the saturation by 10% instead.

 26.6286, 39.9578,
27.4283


 26.6286, 39.9578,
27.4283


278.0548,
345.9457, 303.5505


 17.4296, 27.5056,
17.6599


 53.7114, 75.0992,
56.5825


 10.6385, 17.9533,
10.5392


 72.3260, 98.5573,
76.8053

 5.8898, 10.9165,
5.6476


 94.8098, 126.4528,
101.3500

 2.8182, 6.0107,
2.5667

 121.5282,
159.1702, 130.6351

 1.0584, 2.8516,
0.8752

152.8465,
197.0937, 165.0791

 0.0000, 1.0548,
0.0000

189.1302,

 0.0000, 0.0000,

240.6079, 205.1007

0.0000

230.7445,
290.0971, 251.1183

■ 26.6286, 39.9578,
27.4283

■ 26.6286, 39.9578,
27.4283

■ 24.1953, 38.7895,
23.4768

■ 29.6213, 41.4066,
31.8660

■ 22.2808, 37.8776,
19.9920

■ 33.2042, 43.1481,
36.8032

■ 20.8433, 37.2023,
16.9566


■ 37.4095, 45.1997,
42.2561


■ 19.8333, 36.7382,
14.3516


■ 42.2663, 47.5760,
48.2392


■ 19.1537, 36.4358,
12.1543


■ 47.8014, 50.2907,
54.7667

 19.1536, 36.4358,
12.1542

 54.0405, 53.3567,
61.8519

 61.0076, 56.7862,
69.5077

 68.7257, 60.5907,
77.7469

 74.1335, 63.1917,
86.4372

Harmonies

Analogous

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



30.7311, 39.9578, 17.4194



26.6286, 39.9578, 27.4283



25.4282, 39.9578, 45.6385

Triad

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



26.6286, 39.9578, 27.4283



38.7157, 39.9578, 98.4633



51.2677, 39.9578, 24.8432

Complementary

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



26.6286, 39.9578, 27.4283



30.4105, 20.9647, 32.1510

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.



54.0992, 39.9578, 41.4434



26.6286, 39.9578, 27.4283



46.2846, 39.9578, 87.6458

Square

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



26.6286, 39.9578, 27.4283



31.8457, 39.9578, 91.0339



52.1674, 39.9578, 64.8902



44.8524, 39.9578, 16.3048

Rectangle

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



26.6286, 39.9578, 27.4283



26.2876, 39.9578, 61.4730



52.1674, 39.9578, 64.8902



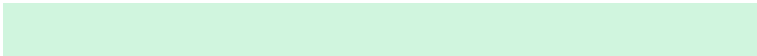
52.7055, 39.9578, 29.4348

Sweetspot

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



26.6296, 39.9594, 27.4292



71.8308, 83.8869, 81.6135



33.2427, 43.6007, 17.2539



15.0549, 17.8478, 17.0647



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.



26.6296, 39.9594, 27.4292



43.4673, 70.1149, 41.8891



30.3844, 41.4613, 47.2012



9.5559, 10.7085, 10.9110



13.0741, 24.8199, 8.4530



0.5443, 0.9851, 0.5003

Inverse Universe

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



30.4105, 20.9647, 32.1510



51.0831, 31.7515, 51.3241



27.3722, 19.7494, 16.1515



9.7709, 9.6326, 11.1824



16.3037, 8.1526, 12.1590



0.6696, 0.3317, 0.6395

Previews

White Background



This preview shows how the XYZ color 26.6286, 39.9578, 27.4283 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 26.6286, 39.9578, 27.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

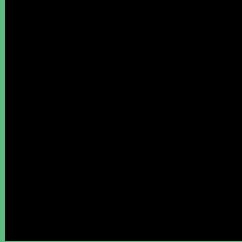
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6286, 39.9578, 27.4283

Background



This preview shows how black text looks on a background with the XYZ color 26.6286, 39.9578, 27.4283.

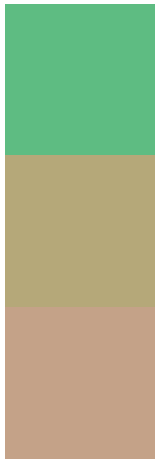


This preview shows how white text looks on a background with the XYZ color 26.6286, 39.9578,

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

26.6286, 39.9578, 27.4283

Protanopia

36.5099, 39.2095, 23.7331

Deuteranopia

40.1292, 39.3540, 28.7736



Tritanopia

32.4893, 39.8526, 57.0189

Trichromacy



Original Color

26.6286, 39.9578, 27.4283



Protanomaly

31.3625, 38.5047, 24.8480



Deuteranomaly

33.1641, 38.2180, 28.1831



Tritanomaly

29.9931, 39.7503, 44.6199

Monochromacy



Original Color

26.6286, 39.9578, 27.4283



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.2628, 34.2223, 31.9040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6286, 39.9578, 27.4283 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, 188, 130)` looks like.

```
.text, #text, p{  
    color:rgb(94, 188, 130)  
}
```

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, 188, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 188, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.6286, 39.9578, 27.4283 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, 188, 130) }
```


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

```
.border{ border-color:rgb(94, 188, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 188, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 188, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 188, 130);  
box-shadow:4px 4px 4px 4px rgb(94, 188,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6286, 39.9578, 27.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 188, 130) }
```

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

```
.background{ background-color: rgb(94, 188,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor