

Converting Colors

XYZ(28.6459, 41.9821, 26.6722)

Have a look what the booklet for
XYZ(28.6459, 41.9821, 26.6722)
contains.

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Color

**XYZ(28.6459, 41.9821,
26.6722)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBF7F
RGB	108, 191, 127
RGB Percent	42%, 75%, 50%
CMY	0.5765, 0.2510, 0.5020
CMYK	0.43, 0.00, 0.34, 0.25
HSL	134°, 39%, 59%
HSV	134°, 43%, 75%
XYZ	28.6459, 41.9821, 26.6722
YIQ	158.8870, -28.9240, -37.5000

Conversions

Conversions Part 2

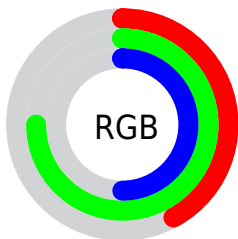
Format	Color
RYB	108, 176, 191
Decimal	7126911
CIELab	70.86, -39.16, 24.62
CIElCh	71, 46.253, 147.846
Yxy	41.9821, 0.2944, 0.4315
Android (android.graphics.Color)	4285316991 (0xFF6CBF7F)
YUV	158.8870, -15.7203, -44.6279
Hunter-Lab	64.7936, -34.4721, 20.9489

Details

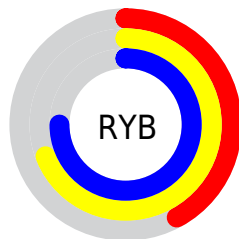
The XYZ color **28.6459, 41.9821, 26.6722** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **34.2962, 24.7809, 42.0068**, and the grayscale version is **32.9829, 34.7006, 37.7889**.

A 20% lighter version of the original color is **56.9099, 78.2166, 55.2779**, and **11.7534, 19.1840, 10.1046** is the 20% darker color. If you saturate the color by 10%, you get **25.6818, 40.5582, 21.8843**, and if you desaturate by 10%, it is **32.2614, 43.7280, 32.2249**.

Distribution



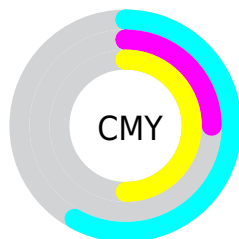
- Red (42%)
- Green (75%)
- Blue (50%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6459, 41.9821, 26.6722 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 28.6459, 41.9821, 26.6722 by changing the saturation by 10% instead.

■ 28.6459, 41.9821,
26.6722

■ 28.6459, 41.9821,
26.6722

287.5650,
354.4087, 299.7762

■ 18.9560, 29.0873,
17.0969

■ 56.9155, 78.1725,
55.3547

■ 11.7423, 19.1469,
10.1409

■ 76.2259, 102.2369,
75.2991

■ 6.6394, 11.7764,
5.3857

■ 99.4739, 130.7933,
99.5369

■ 3.2820, 6.5916,
2.4126

■ 127.0249,
164.2261, 128.4866

■ 1.3046, 3.2081,
0.7933

159.2441,
202.9196, 162.5669

■ 0.1866, 1.2413,
0.0000

196.4969,

■ 0.0000, 0.0950,

247.2583, 202.1962

0.0000

239.1488,
297.6265, 247.7932

■ 0.0000, 0.0000,
0.0000

■ 28.6459, 41.9821,
26.6722

■ 28.6459, 41.9821,
26.6722

■ 25.6818, 40.5582,
21.8843

■ 32.2614, 43.7280,
32.2249

■ 23.3263, 39.4312,
17.8248

■ 36.5612, 45.8086,
38.5711

■ 21.5361, 38.5810,
14.4586


■ 41.5800, 48.2424,
45.7412


■ 20.2611, 37.9824,
11.7467


■ 47.3491, 51.0449,
53.7634


■ 19.4413, 37.6055,
9.6459


■ 53.8979, 54.2307,
62.6644

 19.0811, 37.4431,
8.5773

 61.2543, 57.8136,
72.4699

 69.4446, 61.8068,
83.2045

 76.3264, 65.1052,
94.7903

 77.9216, 65.7433,
103.1905

Harmonies

Analogous

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



33.3858, 41.9821, 17.5573



28.6459, 41.9821, 26.6722



26.8735, 41.9821, 44.1376

Triad

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



28.6459, 41.9821, 26.6722



39.3494, 41.9821, 102.4436



54.4599, 41.9821, 28.6445

Complementary

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



28.6459, 41.9821, 26.6722



34.2962, 24.7809, 42.0068

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.



56.5810, 41.9821, 47.3221



28.6459, 41.9821, 26.6722



47.2169, 41.9821, 94.3207

Square

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



28.6459, 41.9821, 26.6722



32.5381, 41.9821, 91.7637



53.7787, 41.9821, 72.1610



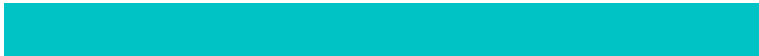
48.3024, 41.9821, 18.4120

Rectangle

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



28.6459, 41.9821, 26.6722



27.4158, 41.9821, 59.9586



53.7787, 41.9821, 72.1610



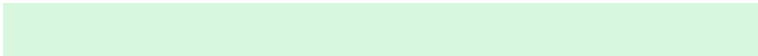
55.7007, 41.9821, 33.9213

Sweetspot

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



28.6470, 41.9838, 26.6731



74.7088, 86.5161, 82.2599



38.5764, 47.2325, 21.2712



15.9372, 18.7710, 17.4025



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.



28.6470, 41.9838, 26.6731



46.2973, 72.7821, 39.6966



31.8362, 43.2595, 43.4674



9.4959, 10.6845, 10.5947



12.5653, 24.6164, 5.7737



0.5180, 0.9746, 0.3620

Inverse Universe

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



34.2962, 24.7809, 42.0068



57.6884, 38.0239, 70.5641



30.9815, 23.4550, 24.5518



9.8340, 9.6579, 11.5147



17.6274, 8.6821, 19.1292



0.7138, 0.3494, 0.8721

Previews

White Background



This preview shows how the XYZ color 28.6459, 41.9821, 26.6722 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 28.6459, 41.9821, 26.6722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

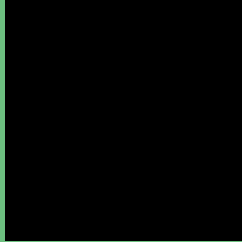
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6459, 41.9821, 26.6722

Background



This preview shows how black text looks on a background with the XYZ color 28.6459, 41.9821, 26.6722.



This preview shows how white text looks on a background with the XYZ color 28.6459, 41.9821,

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

28.6459, 41.9821, 26.6722

Protanopia

38.3320, 41.2761, 23.3995

Deuteranopia

42.0459, 41.1603, 27.9190



Tritanopia

34.9744, 41.6981, 59.0285

Trichromacy



Original Color

28.6459, 41.9821, 26.6722



Protanomaly

33.7335, 40.9144, 24.5317



Deuteranomaly

35.3812, 40.2356, 27.3742



Tritanomaly

32.2666, 41.5280, 45.3448

Monochromacy



Original Color

28.6459, 41.9821, 26.6722



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 28.6459, 41.9821, 26.6722 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(108, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(108, 191, 127)  
}
```

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(108, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 191, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.6459, 41.9821, 26.6722 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(108, 191, 127) }
```


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

```
.border{ border-color:rgb(108, 191, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 191, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(108, 191,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6459, 41.9821, 26.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 191, 127) }
```

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

```
.background{ background-color: rgb(108,  
191, 127) }
```

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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