

Converting Colors

XYZ(32.7726, 46.1759, 28.7160)

Have a look what the booklet for
XYZ(32.7726, 46.1759, 28.7160)
contains.

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Color

**XYZ(32.6672, 46.0068,
28.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC583
RGB	126, 197, 131
RGB Percent	49%, 77%, 51%
CMY	0.5059, 0.2274, 0.4863
CMYK	0.36, 0.00, 0.34, 0.23
HSL	124°, 38%, 63%
HSV	124°, 36%, 77%
XYZ	32.6672, 46.0068, 28.6312
YIQ	168.2470, -21.1300, -35.5780

Conversions

Conversions Part 2

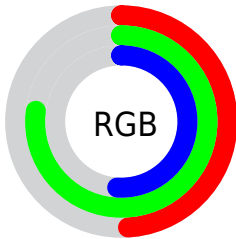
Format	Color
RYB	126, 192, 197
Decimal	8308099
CIELab	73.55, -35.75, 26.26
CIElCh	74, 44.365, 143.700
Yxy	46.0068, 0.3044, 0.4287
Android (android.graphics.Color)	4286498179 (0xFF7EC583)
YUV	168.2470, -18.3628, -37.0506
Hunter-Lab	67.8283, -32.7311, 22.4528

Details

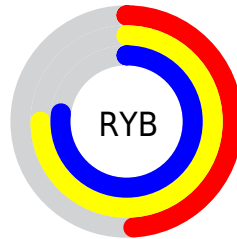
The XYZ color **32.6672, 46.0068, 28.6312** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.0028, 30.5988, 53.6688**, and the grayscale version is **37.4367, 39.3863, 42.8917**.

A 20% lighter version of the original color is **63.1496, 84.1681, 58.2651**, and **14.0553, 21.6555, 11.2237** is the 20% darker color. If you saturate the color by 10%, you get **28.9100, 44.2022, 22.5393**, and if you desaturate by 10%, it is **37.2182, 48.1980, 35.9073**.

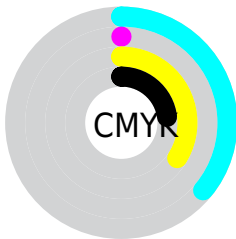
Distribution



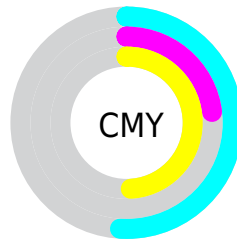
- Red (49%)
- Green (77%)
- Blue (51%)



- Red (49%)
- Yellow (75%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)





- Cyan (51%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6672, 46.0068, 28.6312 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 32.6672, 46.0068, 28.6312 by changing the saturation by 10% instead.


 32.6672, 46.0068,
28.6312


 32.6672, 46.0068,
28.6312


305.8390,
370.8360, 309.4772


 22.0296, 32.2512,
18.5588


 63.2138, 84.2292,
58.5258

 13.9954, 21.5534,
11.1784


 83.8535, 109.4647,
79.1851

 8.1991, 13.5291,
6.0713


 108.5579,
139.2957, 104.2105

 4.2755, 7.7939,
2.8190

137.6925,
174.1065, 134.0204

 1.8592, 3.9634,
1.0030

171.6225,
214.2816, 169.0336

 0.5529, 1.6531,
0.0000

210.7134,

 0.0000, 0.3930,

260.2052, 209.6684

0.0000

255.3304,
312.2619, 256.3434

■ 0.0000, 0.0000,
0.0000

■ 32.6672, 46.0068,
28.6312

■ 32.6672, 46.0068,
28.6312

■ 28.9100, 44.2022,
22.5393

■ 37.2182, 48.1980,
35.9073

■ 25.8977, 42.7563,
17.5662

■ 42.6012, 50.7901,
44.4224

■ 23.5817, 41.6467,
13.6448

■ 48.8561, 53.8040,
54.2315


■ 21.9060, 40.8463,
10.6993


■ 56.0192, 57.2572,
65.3856


■ 20.8059, 40.3235,
8.6443

■ 64.1247, 61.1664,
77.9325

 20.2013, 40.0392,
7.3792

 73.2052, 65.5475,
91.9182

 20.0456, 39.9656,
7.0687

 79.2571, 68.4143,
103.6357

Harmonies

Analogous

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



37.9432, 46.0068, 20.0442



32.6672, 46.0068, 28.6312



30.3881, 46.0068, 45.5027

Triad

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



32.6672, 46.0068, 28.6312



42.0942, 46.0068, 106.4409



59.0385, 46.0068, 34.6642

Complementary

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



32.6672, 46.0068, 28.6312



40.0028, 30.5988, 53.6688

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.



60.4924, 46.0068, 54.9834



32.6672, 46.0068, 28.6312



50.0729, 46.0068, 100.9501

Square

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



32.6672, 46.0068, 28.6312



35.3953, 46.0068, 93.5768



57.0402, 46.0068, 80.2537



53.2757, 46.0068, 22.7291

Rectangle

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



32.6672, 46.0068, 28.6312



30.6540, 46.0068, 61.0324



57.0402, 46.0068, 80.2537



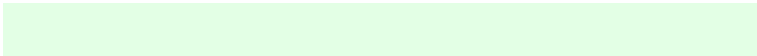
60.0738, 46.0068, 40.5467

Sweetspot

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



32.6684, 46.0087, 28.6322



81.5552, 93.4957, 87.8223



45.5399, 52.6825, 27.5076



17.1300, 19.8548, 18.2857



0.0000, 0.0000, 0.0000



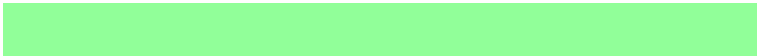
20.3446, 21.4041, 23.3091

Same Dimension

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



32.6684, 46.0087, 28.6322



53.2546, 79.8739, 42.7789



35.4761, 47.1318, 43.4176



10.5273, 11.8998, 11.4608



13.1960, 26.2908, 4.7110



0.6356, 1.2492, 0.2798

Inverse Universe

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



40.0028, 30.5988, 53.6688



68.2503, 48.3505, 93.9556



36.5541, 29.2193, 35.5083



11.0496, 10.8032, 13.2446



20.7887, 10.0650, 30.4266



0.9942, 0.4805, 1.4929

Previews

White Background



This preview shows how the XYZ color 32.6672, 46.0068, 28.6312 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 32.6672, 46.0068, 28.6312 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 32.6672, 46.0068, 28.6312

Background



This preview shows how black text looks on a background with the XYZ color 32.6672, 46.0068, 28.6312.



This preview shows how white text looks on a background with the XYZ color 32.6672, 46.0068,

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

32.6672, 46.0068, 28.6312

Protanopia

42.2075, 45.5671, 25.6395

Deuteranopia

46.3478, 45.2797, 29.5896



Tritanopia

39.5779, 45.8537, 63.2646

Trichromacy



Original Color

32.6672, 46.0068, 28.6312

Protanomaly

37.7519, 45.0851, 26.7912

Deuteranomaly

39.8830, 44.5927, 29.0595

Tritanomaly

36.5583, 45.5868, 48.4673

Monochromacy



Original Color

32.6672, 46.0068, 28.6312

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.1734, 41.3791, 37.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6672, 46.0068, 28.6312 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(126, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(126, 197, 131)  
}
```

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(126, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 197, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.6672, 46.0068, 28.6312 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(126, 197, 131) }
```


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

```
.border{ border-color:rgb(126, 197, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 197, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 197, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 197, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 197,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6672, 46.0068, 28.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 197, 131) }
```

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

```
.background{ background-color: rgb(126,  
197, 131) }
```

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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