

Converting Colors

XYZ(35.2617, 50.4610, 28.1142)

Have a look what the booklet for
XYZ(35.2617, 50.4610, 28.1142)
contains.

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Color

**XYZ(35.2621, 50.5002,
27.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	83CE7F
RGB	131, 206, 127
RGB Percent	51%, 81%, 50%
CMY	0.4863, 0.1921, 0.5020
CMYK	0.36, 0.00, 0.38, 0.19
HSL	117°, 45%, 65%
HSV	117°, 38%, 81%
XYZ	35.2621, 50.5002, 27.9677
YIQ	174.5690, -19.3410, -40.4690

Conversions

Conversions Part 2

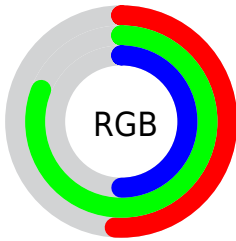
Format	Color
RYB	127, 206, 202
Decimal	8638079
CIELab	76.38, -38.89, 32.13
CIElCh	76, 50.451, 140.437
Yxy	50.5002, 0.3101, 0.4440
Android (android.graphics.Color)	4286828159 (0xFF83CE7F)
YUV	174.5690, -23.4515, -38.2100
Hunter-Lab	71.0635, -35.7884, 26.4103

Details

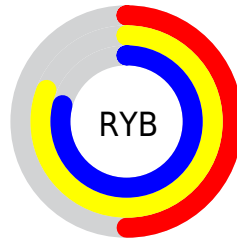
The XYZ color **35.2621, 50.5002, 27.9677** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **43.0895, 32.1932, 62.3380**, and the grayscale version is **40.6503, 42.7673, 46.5736**.

A 20% lighter version of the original color is **64.5940, 85.4210, 56.7995**, and **15.4667, 24.2468, 10.8861** is the 20% darker color. If you saturate the color by 10%, you get **31.3062, 48.6019, 21.4766**, and if you desaturate by 10%, it is **40.0669, 52.8073, 35.9335**.

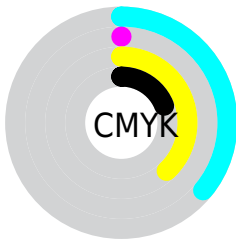
Distribution



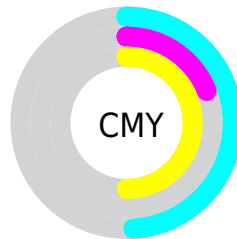
- Red (51%)
- Green (81%)
- Blue (50%)



- Red (50%)
- Yellow (81%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (38%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2621, 50.5002, 27.9677 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 35.2621, 50.5002, 27.9677 by changing the saturation by 10% instead.

■ 35.2621, 50.5002,
27.9677

■ 35.2621, 50.5002,
27.9677

317.2115,
388.6188, 306.2196

■ 24.0323, 35.8110,
18.0625

■ 67.2230, 90.9156,
57.4553

■ 15.4825, 24.2883,
10.8250

■ 88.6847, 117.4105,
77.8749

■ 9.2472, 15.5476,
5.8366

■ 114.2879,
148.6095, 102.6362

■ 4.9612, 9.2046,
2.6788

144.3977,
184.8969, 132.1580

■ 2.2590, 4.8749,
0.9327

179.3797,
226.6572, 166.8586

■ 0.7736, 2.1740,
0.0000

219.5990,

■ 0.0000, 0.7058,

274.2746, 207.1568

0.0000

265.4212,
328.1337, 253.4709

■ 0.0000, 0.0000,
0.0000

■ 35.2621, 50.5002,
27.9677

■ 35.2621, 50.5002,
27.9677

■ 31.3062, 48.6019,
21.4766

■ 40.0669, 52.8073,
35.9335

■ 28.1462, 47.0827,
16.3666

■ 45.7618, 55.5384,
45.4532

■ 25.7292, 45.9189,
12.5388

■ 52.3902, 58.7155,
56.6044

■ 23.9944, 45.0817,
9.8795

■ 59.9912, 62.3573,
69.4585

■ 22.8712, 44.5374,
8.2553

■ 68.6019, 66.4815,
84.0827

■ 22.2667, 44.2427,
7.4638

■ 78.2575, 71.1048,
100.5405

■ 22.2028, 44.2119,
7.3635

■ 81.3623, 72.6246,
104.3374

Harmonies

Analogous

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



41.9055, 50.5002, 19.1175



35.2621, 50.5002, 27.9677



32.1613, 50.5002, 46.7543

Triad

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



35.2621, 50.5002, 27.9677



45.0312, 50.5002, 124.2860



67.2064, 50.5002, 38.6836

Complementary

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



35.2621, 50.5002, 27.9677



43.0895, 32.1932, 62.3380

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.



68.3327, 50.5002, 64.1316



35.2621, 50.5002, 27.9677



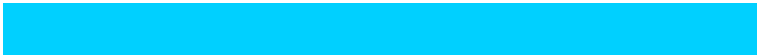
54.6561, 50.5002, 119.9235

Square

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



35.2621, 50.5002, 27.9677



37.2905, 50.5002, 105.9090



63.4838, 50.5002, 95.4343



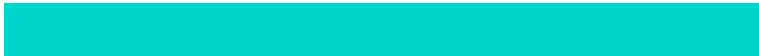
60.5830, 50.5002, 23.7388

Rectangle

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



35.2621, 50.5002, 27.9677



32.1983, 50.5002, 65.0063



63.4838, 50.5002, 95.4343



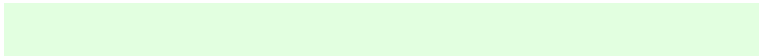
68.2715, 50.5002, 46.0525

Sweetspot

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



35.2634, 50.5023, 27.9688



80.6168, 93.0840, 84.5238



50.1112, 56.3057, 28.3064



16.9490, 19.7770, 17.5762



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.



35.2634, 50.5023, 27.9688



51.7639, 79.2429, 36.4982



37.2790, 51.2384, 41.7528



11.1197, 12.5636, 11.9184



13.6958, 27.2358, 4.5352



0.7254, 1.4148, 0.2348

Inverse Universe

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



43.0895, 32.1932, 62.3380



66.1851, 45.4624, 99.8945



40.4688, 31.2715, 42.8171



11.6293, 11.3737, 14.1528



20.8353, 9.9485, 36.7784



1.0925, 0.5223, 1.8982

Previews

White Background



This preview shows how the XYZ color 35.2621, 50.5002, 27.9677 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 35.2621, 50.5002, 27.9677 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 35.2621, 50.5002, 27.9677

Background



This preview shows how black text looks on a background with the XYZ color 35.2621, 50.5002, 27.9677.



This preview shows how white text looks on a background with the XYZ color 35.2621, 50.5002,

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

35.2621, 50.5002, 27.9677

Protanopia

46.0623, 49.7341, 24.9412

Deuteranopia

50.9863, 50.0239, 29.1586



Tritanopia

43.6562, 50.4364, 69.7216

Trichromacy



Original Color

35.2621, 50.5002, 27.9677

Protanomaly

40.9984, 49.3607, 26.1056

Deuteranomaly

43.5295, 48.9810, 28.6328

Tritanomaly

39.9793, 50.3075, 51.3192

Monochromacy



Original Color

35.2621, 50.5002, 27.9677

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.0285, 44.9574, 39.0211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2621, 50.5002, 27.9677 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(131, 206, 127)` looks like.

```
.text, #text, p{  
    color:rgb(131, 206, 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(131, 206, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 206, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.2621, 50.5002, 27.9677 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(131, 206, 127) }
```


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

```
.border{ border-color:rgb(131, 206, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 206, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 206, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 206, 127); box-shadow:4px 4px 4px 4px rgb(131, 206, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2621, 50.5002, 27.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 206, 127) }
```

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

```
.background{ background-color: rgb(131,  
206, 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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