

Converting Colors

XYZ(27.4614, 35.3371, 54.8379)

Have a look what the booklet for
XYZ(27.4614, 35.3371, 54.8379)
contains.

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Color

**XYZ(27.4081, 35.2265,
54.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	4DADBFB
RGB	77, 173, 191
RGB Percent	30%, 68%, 75%
CMY	0.6980, 0.3216, 0.2510
CMYK	0.60, 0.09, 0.00, 0.25
HSL	189°, 47%, 53%
HSV	189°, 60%, 75%
XYZ	27.4081, 35.2265, 54.6451
YIQ	146.3480, -62.9940, -14.7540

Conversions

Conversions Part 2

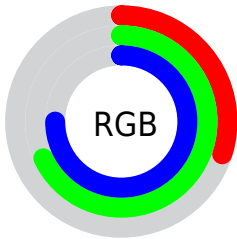
Format	Color
RYB	77, 129, 191
Decimal	5090751
CIELab	65.92, -22.79, -17.69
CIELCh	66, 28.850, 217.815
Yxy	35.2265, 0.2337, 0.3004
Android (android.graphics.Color)	4283280831 (0xFF4DADBF)
YUV	146.3480, 22.0134, -60.8182
Hunter-Lab	59.3519, -21.4364, -13.0418

Details

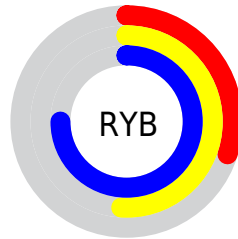
The XYZ color **27.4081, 35.2265, 54.6451** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **26.9185, 19.7976, 9.4248**, and the grayscale version is **27.3965, 28.8232, 31.3885**.

A 20% lighter version of the original color is **54.9612, 67.9883, 98.2220**, and **11.3039, 15.2679, 26.3960** is the 20% darker color. If you saturate the color by 10%, you get **25.5158, 33.4029, 54.3935**, and if you desaturate by 10%, it is **29.7680, 37.3120, 54.9239**.

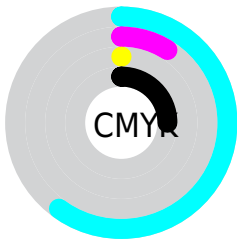
Distribution



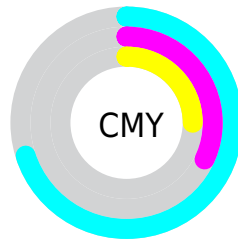
- Red (30%)
- Green (68%)
- Blue (75%)



- Red (30%)
- Yellow (51%)
- Blue (75%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (70%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4081, 35.2265, 54.6451 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 27.4081, 35.2265, 54.6451 by changing the saturation by 10% instead.

■ 27.4081, 35.2265,
54.6451

■ 27.4081, 35.2265,
54.6451

281.7593,
325.5670, 421.8092

■ 18.0181, 23.8374,
38.7210

■ 54.9533, 67.8365,
98.4867

■ 11.0628, 15.2130,
26.2366

■ 73.8393, 89.8262,
127.2413

■ 6.1767, 8.9690,
16.7733

■ 96.6213, 116.1182,
161.1097

■ 2.9945, 4.7210,
9.9128

■ 123.6647,
147.0970, 200.5106

■ 1.1508, 2.0845,
5.2363

155.3348,
183.1468, 245.8624

■ 0.0670, 0.6559,
2.3254

191.9971,

■ 0.0000, 0.0000,

224.6522, 297.5838

0.7454

234.0168,
271.9974, 356.0932

■ 0.0000, 0.0000,
0.0000

■ 27.4081, 35.2265,
54.6451

■ 27.4081, 35.2265,
54.6451

■ 25.5158, 33.4029,
54.3935

■ 29.7680, 37.3120,
54.9239

■ 24.0469, 31.8161,
54.1646

■ 32.6284, 39.6743,
55.2291

■ 22.9541, 30.4423,
53.9571

■ 36.0226, 42.3314,
55.5631

■ 22.1461, 29.2343,
53.7665

■ 39.9804, 45.2988,
55.9273

■ 22.1218, 29.1970,
53.7606

■ 44.5292, 48.5908,
56.3229

■ 49.6947, 52.2206,
56.7513

■ 55.5009, 56.2009,
57.2136

■ 61.9706, 60.5434,
57.7108

■ 69.1254, 65.2595,
58.2439

Harmonies

Analogous

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



25.9918, 35.2265, 41.6408



27.4081, 35.2265, 54.6451



30.4776, 35.2265, 64.4937

Triad

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



27.4081, 35.2265, 54.6451



41.6700, 35.2265, 47.9324



32.3783, 35.2265, 19.4652

Complementary

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



27.4081, 35.2265, 54.6451



26.9185, 19.7976, 9.4248

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.



36.6771, 35.2265, 20.4495



27.4081, 35.2265, 54.6451



42.2878, 35.2265, 35.2480

Square

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



27.4081, 35.2265, 54.6451



38.7694, 35.2265, 60.0798



40.3922, 35.2265, 25.6752



28.6981, 35.2265, 22.6235

Rectangle

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



27.4081, 35.2265, 54.6451



33.1698, 35.2265, 66.9607



40.3922, 35.2265, 25.6752



33.7956, 35.2265, 19.3375

Sweetspot

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



27.4092, 35.2278, 54.6459



72.6786, 81.9182, 100.2604



23.7172, 39.6502, 17.0176



15.4676, 17.6263, 21.9723



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.



27.4092, 35.2278, 54.6459



44.7071, 58.7955, 97.2715



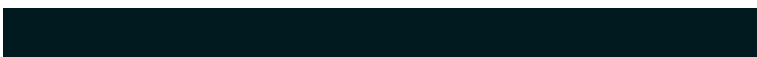
18.8153, 18.0399, 51.7813



9.6768, 10.5460, 12.1978



14.5866, 19.2849, 35.3465



0.6064, 0.8254, 1.3962

Inverse Universe

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



31.6835, 19.4023, 41.6116



53.4420, 29.2526, 70.0072



33.9091, 33.7787, 11.7550



9.8635, 9.6697, 11.6701



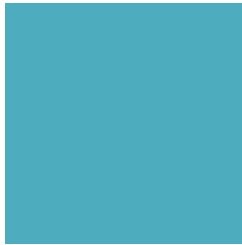
18.3634, 8.9765, 23.0051



0.7370, 0.3587, 0.9942

Previews

White Background



This preview shows how the XYZ color 27.4081, 35.2265, 54.6451 looks on a white background.

Color Contrast Check

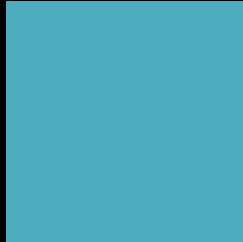
Large Text (above 18pt) WCAG AA × Fail

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 27.4081, 35.2265, 54.6451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

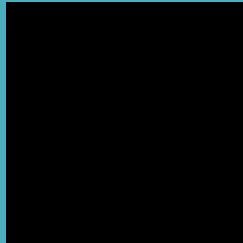
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4081, 35.2265, 54.6451

Background



This preview shows how black text looks on a background with the XYZ color 27.4081, 35.2265, 54.6451.



This preview shows how white text looks on a background with the XYZ color 27.4081, 35.2265,

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

27.4081, 35.2265, 54.6451

Protanopia

34.0849, 34.7585, 48.6287

Deuteranopia

35.6434, 34.8852, 56.4847



Tritanopia

27.1936, 35.4394, 52.9842

Trichromacy



Original Color

27.4081, 35.2265, 54.6451

Protanomaly

30.6065, 34.2092, 50.8888

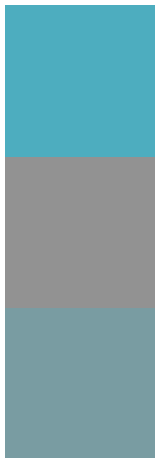
Deuteranomaly

31.5600, 34.3249, 56.0009

Tritanomaly

27.3019, 35.4827, 53.5540

Monochromacy



Original Color

27.4081, 35.2265, 54.6451

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.2952, 30.4505, 38.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4081, 35.2265, 54.6451 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(77, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(77, 173, 191)  
}
```

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(77, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 173, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.4081, 35.2265, 54.6451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

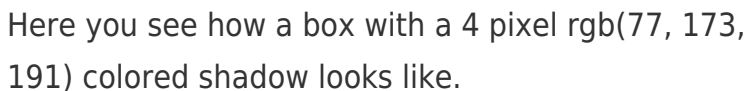
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 173, 191) }
```


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

```
.border{ border-color:rgb(77, 173, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(77, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 173, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 173, 191); box-shadow:4px 4px 4px 4px rgb(77, 173, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4081, 35.2265, 54.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 173, 191) }
```

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

```
.background{ background-color: rgb(77, 173,  
191) }
```

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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