

Converting Colors

XYZ(28.5652, 35.1488, 54.2329)

Have a look what the booklet for
XYZ(28.5652, 35.1488, 54.2329)
contains.

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Color

**XYZ(28.5765, 35.2764,
54.0181)**

Conversions

Conversions Part 1

Format	Color
Hex	5FABBE
RGB	95, 171, 190
RGB Percent	37%, 67%, 75%
CMY	0.6274, 0.3294, 0.2549
CMYK	0.50, 0.10, 0.00, 0.25
HSL	192°, 42%, 56%
HSV	192°, 50%, 75%
XYZ	28.5765, 35.2764, 54.0181
YIQ	150.4420, -51.3950, -10.2030

Conversions

Conversions Part 2

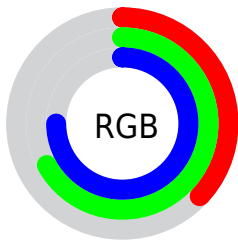
Format	Color
RYB	95, 137, 190
Decimal	6269886
CIELab	65.96, -18.33, -17.01
CIELCh	66, 25.007, 222.864
Yxy	35.2764, 0.2424, 0.2993
Android (android.graphics.Color)	4284459966 (0xFF5FABBE)
YUV	150.4420, 19.5021, -48.6226
Hunter-Lab	59.3939, -18.0568, -12.3478

Details

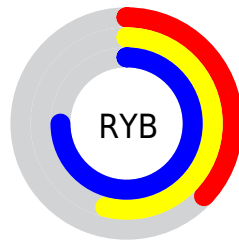
The XYZ color **28.5765, 35.2764, 54.0181** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.3189, 23.8089, 13.8779**, and the grayscale version is **29.1135, 30.6297, 33.3557**.

A 20% lighter version of the original color is **56.5934, 67.6258, 97.2591**, and **11.7719, 15.3399, 26.0074** is the 20% darker color. If you saturate the color by 10%, you get **26.1311, 32.9663, 53.7017**, and if you desaturate by 10%, it is **31.5260, 37.8786, 54.3656**.

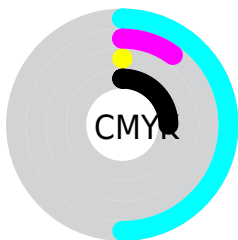
Distribution



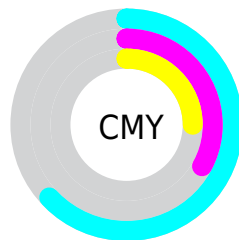
- Red (37%)
- Green (67%)
- Blue (75%)



- Red (37%)
- Yellow (54%)
- Blue (75%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5765, 35.2764, 54.0181 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 28.5765, 35.2764, 54.0181 by changing the saturation by 10% instead.

■ 28.5765, 35.2764,
54.0181

■ 28.5765, 35.2764,
54.0181

287.2419,
325.7867, 419.3556

■ 18.9034, 23.8759,
38.2229

■ 56.8058, 67.9137,
97.5575

■ 11.7041, 15.2416,
25.8525

■ 76.0926, 89.9193,
126.1387

■ 6.6133, 8.9891,
16.4886

■ 99.3147, 116.2287,
159.8190

■ 3.2656, 4.7341,
9.7124

■ 126.8375,
147.2263, 199.0169

■ 1.2957, 2.0921,
5.1056

159.0262,
183.2965, 244.1510

■ 0.1800, 0.6602,
2.2495

196.2463,

■ 0.0000, 0.0000,

224.8237, 295.6398

0.7027

238.8630,
272.1923, 353.9018

■ 0.0000, 0.0000,
0.0000

■ 28.5765, 35.2764,
54.0181

■ 28.5765, 35.2764,
54.0181

■ 26.1311, 32.9663,
53.7017

■ 31.5260, 37.8786,
54.3656

■ 24.1508, 30.9255,
53.4122

■ 35.0085, 40.7857,
54.7431

■ 22.5960, 29.1341,
53.1484

■ 39.0547, 44.0145,
55.1531

■ 21.4185, 27.5672,
52.9080

■ 43.6916, 47.5793,
55.5968

■ 20.5232, 26.1754,
52.6865

■ 48.9448, 51.4933,
56.0754

■ 20.5231, 26.1751,
52.6865

■ 54.8381, 55.7692,
56.5901

■ 61.3942, 60.4189,
57.1420

■ 68.6345, 65.4536,
57.7322

■ 72.4139, 68.7368,
58.1668

Harmonies

Analogous

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



27.0559, 35.2764, 43.1311



28.5765, 35.2764, 54.0181



31.4748, 35.2764, 61.3768

Triad

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



28.5765, 35.2764, 54.0181



40.8037, 35.2764, 44.7367



31.9688, 35.2764, 21.7630

Complementary

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



28.5765, 35.2764, 54.0181



29.3189, 23.8089, 13.8779

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.



35.6711, 35.2764, 22.0335



28.5765, 35.2764, 54.0181



40.9605, 35.2764, 34.0467

Square

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



28.5765, 35.2764, 54.0181



38.6096, 35.2764, 55.3785



39.0233, 35.2764, 26.1415



28.9152, 35.2764, 25.3187

Rectangle

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



28.5765, 35.2764, 54.0181



33.8862, 35.2764, 62.5871



39.0233, 35.2764, 26.1415



33.1747, 35.2764, 21.4317

Sweetspot

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



28.5776, 35.2777, 54.0189



74.6309, 82.7539, 100.3188



26.0816, 40.4398, 21.8833



16.0011, 17.8730, 21.9918



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.



28.5776, 35.2777, 54.0189



46.9674, 59.3578, 97.2609



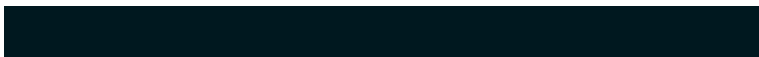
21.3588, 20.8401, 51.6127



9.6421, 10.4765, 12.1862



13.7027, 17.5172, 35.0518



0.5787, 0.7701, 1.3870

Inverse Universe

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



32.6791, 22.0729, 41.0676



55.5491, 33.7948, 69.6983



35.8580, 36.8871, 16.0576



9.8460, 9.6627, 11.5778



17.9173, 8.7981, 20.6558



0.7230, 0.3531, 0.9206

Previews

White Background



This preview shows how the XYZ color 28.5765, 35.2764, 54.0181 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 28.5765, 35.2764, 54.0181 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 28.5765, 35.2764, 54.0181

Background



This preview shows how black text looks on a background with the XYZ color 28.5765, 35.2764, 54.0181.



This preview shows how white text looks on a background with the XYZ color 28.5765, 35.2764,

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

28.5765, 35.2764, 54.0181

Protanopia

34.3807, 34.8990, 49.1801

Deuteranopia

35.6147, 34.8963, 55.3106



Tritanopia

28.2315, 35.4299, 51.8051

Trichromacy



Original Color

28.5765, 35.2764, 54.0181

Protanomaly

31.6857, 34.7655, 50.9393

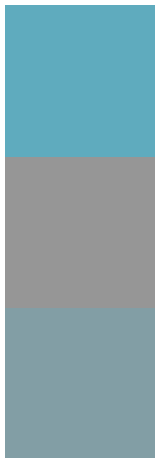
Deuteranomaly

32.2510, 34.4464, 54.8182

Tritanomaly

28.3383, 35.4726, 52.3670

Monochromacy



Original Color

28.5765, 35.2764, 54.0181

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.2243, 31.9162, 40.2702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5765, 35.2764, 54.0181 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(95, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(95, 171, 190)  
}
```

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(95, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 171, 190) }
```

Border

The CSS property to change the border of an element to XYZ 28.5765, 35.2764, 54.0181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

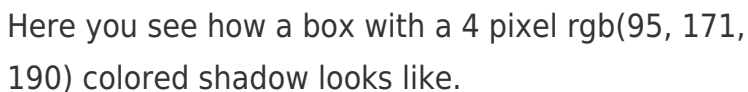
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 171, 190) }
```


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

```
.border{ border-color:rgb(95, 171, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 171, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 171, 190); box-shadow:4px 4px 4px 4px rgb(95, 171, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5765, 35.2764, 54.0181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 171, 190) }
```

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

```
.background{ background-color: rgb(95, 171,  
190) }
```

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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