

Converting Colors

XYZ(28.4745, 35.8340, 51.6090)

Have a look what the booklet for
XYZ(28.4745, 35.8340, 51.6090)
contains.

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Color

**XYZ(28.5258, 35.8652,
51.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	5FADBA
RGB	95, 173, 186
RGB Percent	37%, 68%, 73%
CMY	0.6274, 0.3216, 0.2706
CMYK	0.49, 0.07, 0.00, 0.27
HSL	189°, 40%, 55%
HSV	189°, 49%, 73%
XYZ	28.5258, 35.8652, 51.8736
YIQ	151.1600, -50.6610, -12.4930

Conversions

Conversions Part 2

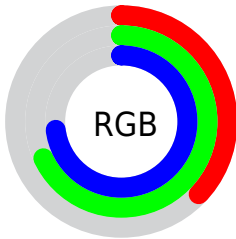
Format	Color
RYB	95, 137, 186
Decimal	6270394
CIELab	66.42, -20.48, -14.11
CIELCh	66, 24.870, 214.555
Yxy	35.8652, 0.2454, 0.3085
Android (android.graphics.Color)	4284460474 (0xFF5FADBA)
YUV	151.1600, 17.1761, -49.2523
Hunter-Lab	59.8876, -19.7796, -9.4347

Details

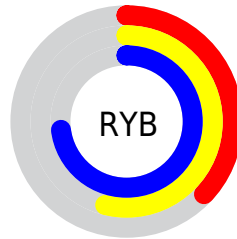
The XYZ color **28.5258, 35.8652, 51.8736** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.6785, 21.9912, 13.6133**, and the grayscale version is **29.4292, 30.9618, 33.7174**.

A 20% lighter version of the original color is **56.8088, 69.0287, 94.3341**, and **11.6432, 15.4837, 24.5653** is the 20% darker color. If you saturate the color by 10%, you get **26.3154, 33.9777, 51.6264**, and if you desaturate by 10%, it is **31.2098, 38.0135, 52.1475**.

Distribution



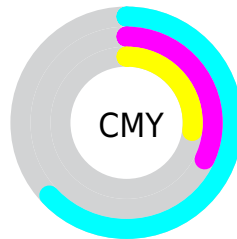
- Red (37%)
- Green (68%)
- Blue (73%)



- Red (37%)
- Yellow (54%)
- Blue (73%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5258, 35.8652, 51.8736 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 28.5258, 35.8652, 51.8736 by changing the saturation by 10% instead.

■ 28.5258, 35.8652,
51.8736

■ 28.5258, 35.8652,
51.8736

287.0057,
328.3710, 410.8915

■ 18.8649, 24.3301,
36.5228

■ 56.7256, 68.8240,
94.3695

■ 11.6761, 15.5787,
24.5453

■ 75.9952, 91.0164,
122.3516

■ 6.5942, 9.2265,
15.5227

■ 99.1984, 117.5301,
155.3813

■ 3.2537, 4.8892,
9.0364

■ 126.7005,
148.7494, 193.8771

■ 1.2893, 2.1824,
4.6678

158.8670,
185.0588, 238.2574

■ 0.1752, 0.7104,
1.9984

196.0631,

■ 0.0000, 0.0000,

226.8426, 288.9409

0.5543

238.6542,
274.4852, 346.3461

■ 0.0000, 0.0000,
0.0000

■ 28.5258, 35.8652,
51.8736

■ 28.5258, 35.8652,
51.8736

■ 26.3154, 33.9777,
51.6264

■ 31.2098, 38.0135,
52.1475

■ 24.5419, 32.3295,
51.4018

■ 34.3942, 40.4342,
52.4468

■ 23.1684, 30.9024,
51.1987

■ 38.1078, 43.1428,
52.7739

■ 22.1505, 29.6734,
51.0151

■ 42.3760, 46.1527,
53.1299

■ 21.4102, 28.6022,
50.8474

■ 47.2227, 49.4762,
53.5160

■ 21.3356, 28.4904,
50.8297

■ 52.6705, 53.1250,
53.9331

■ 58.7405, 57.1101,
54.3824

■ 65.4529, 61.4420,
54.8648

■ 70.0500, 64.6991,
55.2512

Harmonies

Analogous

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



27.4384, 35.8652, 40.7021



28.5258, 35.8652, 51.8736



31.1043, 35.8652, 60.6466

Triad

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



28.5258, 35.8652, 51.8736



40.9711, 35.8652, 48.5398



33.5234, 35.8652, 21.9703

Complementary

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



28.5258, 35.8652, 51.8736



27.6785, 21.9912, 13.6133

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.



37.2583, 35.8652, 23.3080



28.5258, 35.8652, 51.8736



41.7353, 35.8652, 37.4454

Square

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



28.5258, 35.8652, 51.8736



38.3130, 35.8652, 58.4892



40.3317, 35.8652, 28.5376



30.1871, 35.8652, 24.4813

Rectangle

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



28.5258, 35.8652, 51.8736



33.4139, 35.8652, 63.2256



40.3317, 35.8652, 28.5376



34.7727, 35.8652, 21.9892

Sweetspot

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



28.5269, 35.8666, 51.8744



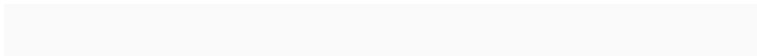
71.7953, 80.1379, 95.8856



24.9399, 38.6158, 20.0869



15.4610, 17.3994, 21.0861



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.5269, 35.8666, 51.8744



47.3227, 61.2510, 93.5299



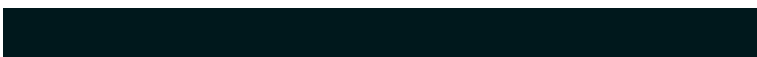
21.3503, 21.5133, 49.4822



9.1544, 9.9860, 11.5244



14.3956, 19.2509, 34.2101



0.5377, 0.7391, 1.2161

Inverse Universe

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



31.8857, 21.6416, 42.0333



54.3588, 33.1714, 72.5282



33.6474, 33.9289, 15.6029



9.3243, 9.1401, 11.0550



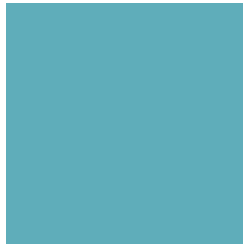
17.8799, 8.7257, 23.0522



0.6456, 0.3137, 0.8930

Previews

White Background



This preview shows how the XYZ color 28.5258, 35.8652, 51.8736 looks on a white background.

Color Contrast Check

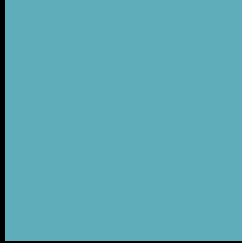
Large Text (above 18pt) WCAG AA × Fail

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 28.5258, 35.8652, 51.8736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

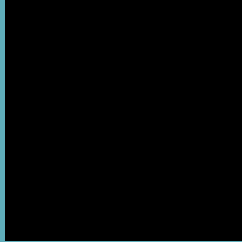
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5258, 35.8652, 51.8736

Background



This preview shows how black text looks on a background with the XYZ color 28.5258, 35.8652, 51.8736.



This preview shows how white text looks on a background with the XYZ color 28.5258, 35.8652,

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

28.5258, 35.8652, 51.8736

Protanopia

34.8047, 35.6869, 46.6488

Deuteranopia

36.1426, 35.4694, 53.0855



Tritanopia

28.6325, 35.9079, 52.4355

Trichromacy



Original Color

28.5258, 35.8652, 51.8736

Protanomaly

31.8467, 35.4398, 48.3421

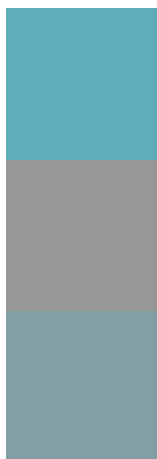
Deuteranomaly

32.6555, 35.2285, 52.6556

Tritanomaly

28.6325, 35.9079, 52.4355

Monochromacy



Original Color

28.5258, 35.8652, 51.8736

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.4590, 32.3019, 39.8569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5258, 35.8652, 51.8736 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, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(95, 173, 186)  
}
```

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, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 173, 186) }
```

Border

The CSS property to change the border of an element to XYZ 28.5258, 35.8652, 51.8736 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, 173, 186) }
```


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

```
.border{ border-color:rgb(95, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(95, 173,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5258, 35.8652, 51.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 173, 186) }
```

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

```
.background{ background-color: rgb(95, 173,  
186) }
```

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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