

Converting Colors

XYZ(30.6005, 35.5561, 52.2639)

Have a look what the booklet for
XYZ(30.6005, 35.5561, 52.2639)
contains.

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Color

**XYZ(30.5800, 35.5151,
52.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	77A8BB
RGB	119, 168, 187
RGB Percent	47%, 66%, 73%
CMY	0.5333, 0.3412, 0.2667
CMYK	0.36, 0.10, 0.00, 0.27
HSL	197°, 33%, 60%
HSV	197°, 36%, 73%
XYZ	30.5800, 35.5151, 52.2571
YIQ	155.5150, -35.3030, -4.4790

Conversions

Conversions Part 2

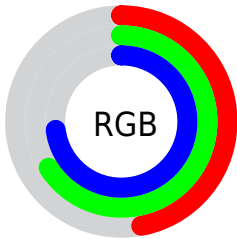
Format	Color
R _Y B	119, 147, 187
Decimal	7841979
CIE Lab	66.15, -11.47, -14.95
CIE LCh	66, 18.848, 232.504
Yxy	35.5151, 0.2584, 0.3001
Android (android.graphics.Color)	4286032059 (0xFF77A8BB)
YUV	155.5150, 15.5221, -32.0237
Hunter-Lab	59.5945, -12.6960, -10.2739

Details

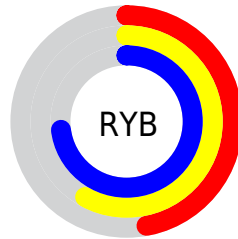
The XYZ color **30.5800, 35.5151, 52.2571** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.9123, 30.0740, 21.5238**, and the grayscale version is **31.3294, 32.9609, 35.8945**.

A 20% lighter version of the original color is **59.7989, 68.1307, 94.7928**, and **12.8632, 15.4053, 24.8498** is the 20% darker color. If you saturate the color by 10%, you get **27.3167, 32.4304, 51.8343**, and if you desaturate by 10%, it is **34.3892, 38.9404, 52.7181**.

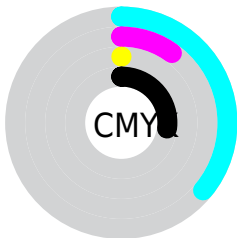
Distribution



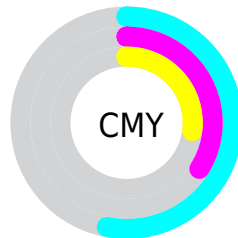
- Red (47%)
- Green (66%)
- Blue (73%)



- Red (47%)
- Yellow (58%)
- Blue (73%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5800, 35.5151, 52.2571 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 30.5800, 35.5151, 52.2571 by changing the saturation by 10% instead.

■ 30.5800, 35.5151,
52.2571

■ 30.5800, 35.5151,
52.2571

■ 296.4602,
326.8361, 412.4135

■ 20.4295, 24.0599,
36.8264

■ 59.9586, 68.2830,
94.9407

■ 12.8177, 15.3781,
24.7784

■ 79.9173, 90.3645,
123.0307

■ 7.3793, 9.0852,
15.6945

■ 103.8762,
116.7569, 156.1776

■ 3.7488, 4.7968,
9.1562

■ 132.2006,
147.8446, 194.7998

■ 1.5610, 2.1285,
4.7450

■ 165.2559,
184.0119, 239.3160

■ 0.3668, 0.6806,
2.0423

■ 203.4073,

■ 0.0000, 0.0000,

225.6434, 290.1447

0.5811

247.0203,
273.1233, 347.7043

■ 0.0000, 0.0000,
0.0000

■ 30.5800, 35.5151,
52.2571

■ 30.5800, 35.5151,
52.2571

■ 27.3167, 32.4304,
51.8343

■ 34.3892, 38.9404,
52.7181

■ 24.5659, 29.6659,
51.4457

■ 38.7687, 42.7172,
53.2163

■ 22.2952, 27.2051,
51.0904

■ 43.7455, 46.8607,
53.7537

■ 20.4672, 25.0280,
50.7665

■ 49.3438, 51.3840,
54.3318

■ 19.0384, 23.1115,
50.4719

■ 55.5863, 56.2996,
54.9515

■ 17.9517, 21.4254,
50.2037

■ 62.4946, 61.6190,
55.6142

■ 17.5997, 20.8477,
50.1108

■ 70.0893, 67.3537,
56.3208

■ 73.2069, 70.8423,
56.8299

■ 74.5164, 73.4612,
57.2663

Harmonies

Analogous

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



29.0169, 35.5151, 44.8849



30.5800, 35.5151, 52.2571



33.0577, 35.5151, 56.0842

Triad

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



30.5800, 35.5151, 52.2571



39.3875, 35.5151, 40.7190



31.7346, 35.5151, 26.0891

Complementary

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



30.5800, 35.5151, 52.2571



32.9123, 30.0740, 21.5238

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.



34.4641, 35.5151, 25.2945



30.5800, 35.5151, 52.2571



38.9850, 35.5151, 33.0568

Square

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



30.5800, 35.5151, 52.2571



38.2160, 35.5151, 48.8488



37.1447, 35.5151, 27.6691



29.6573, 35.5151, 30.0134

Rectangle

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



30.5800, 35.5151, 52.2571



34.9367, 35.5151, 55.7846



37.1447, 35.5151, 27.6691



32.6023, 35.5151, 25.4714

Sweetspot

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



30.5811, 35.5165, 52.2579



73.9187, 80.2694, 95.7990



29.9038, 41.2733, 30.1084



16.0128, 17.4554, 21.0678



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.



30.5811, 35.5165, 52.2579



49.8240, 58.9541, 92.9547



25.2236, 24.8014, 50.4721



9.5771, 10.3466, 12.1645



12.1895, 14.4907, 34.5474



0.5300, 0.6726, 1.3707

Inverse Universe

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



34.1591, 26.5865, 40.3787



57.4033, 41.2114, 67.5279



38.4121, 41.0737, 23.3570



9.8132, 9.6496, 11.4051



17.1535, 8.4925, 16.6335



0.6984, 0.3433, 0.7911

Previews

White Background



This preview shows how the XYZ color 30.5800, 35.5151, 52.2571 looks on a white background.

Color Contrast Check

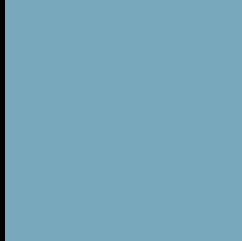
Large Text (above 18pt) WCAG AA × Fail

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 30.5800, 35.5151, 52.2571 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

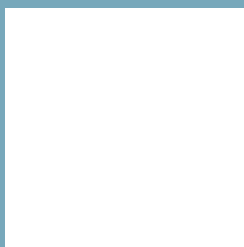
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5800, 35.5151, 52.2571

Background



This preview shows how black text looks on a background with the XYZ color 30.5800, 35.5151, 52.2571.



This preview shows how white text looks on a background with the XYZ color 30.5800, 35.5151,

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

30.5800, 35.5151, 52.2571

Protanopia

34.6433, 35.3006, 48.7039

Deuteranopia

35.9741, 35.1324, 53.0293



Tritanopia

30.1027, 35.6049, 49.5418

Trichromacy



Original Color

30.5800, 35.5151, 52.2571

Protanomaly

32.7953, 35.0992, 49.8461

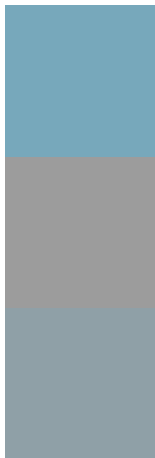
Deuteranomaly

33.5020, 34.8834, 52.5444

Tritanomaly

30.3109, 35.6882, 50.6384

Monochromacy



Original Color

30.5800, 35.5151, 52.2571

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.8735, 33.7713, 41.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5800, 35.5151, 52.2571 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(119, 168, 187)` looks like.

```
.text, #text, p{  
    color:rgb(119, 168, 187)  
}
```

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(119, 168, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 168, 187) }
```

Border

The CSS property to change the border of an element to XYZ 30.5800, 35.5151, 52.2571 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(119, 168, 187) }
```


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

```
.border{ border-color:rgb(119, 168, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 168, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 168, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 168, 187);  
box-shadow:4px 4px 4px 4px rgb(119, 168,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5800, 35.5151, 52.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 168, 187) }
```

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

```
.background{ background-color: rgb(119,  
168, 187) }
```

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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