

Converting Colors

XYZ(28.2679, 37.5969, 60.4106)

Have a look what the booklet for
XYZ(28.2679, 37.5969, 60.4106)
contains.

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Color

**XYZ(28.2679, 37.5969,
60.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	36B4C8
RGB	54, 180, 200
RGB Percent	21%, 71%, 78%
CMY	0.7882, 0.2941, 0.2157
CMYK	0.73, 0.10, 0.00, 0.22
HSL	188°, 57%, 50%
HSV	188°, 73%, 78%
XYZ	28.2679, 37.5969, 60.4106
YIQ	144.6060, -81.5160, -20.4920

Conversions

Conversions Part 2

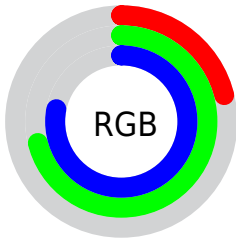
Format	Color
R _{YB}	54, 122, 200
Decimal	3585224
CIE Lab	67.72, -27.12, -19.99
CIE LCh	68, 33.695, 216.395
Yxy	37.5969, 0.2239, 0.2977
Android (android.graphics.Color)	4281775304 (0xFF36B4C8)
YUV	144.6060, 27.3092, -79.4615
Hunter-Lab	61.3163, -25.0119, -15.4928

Details

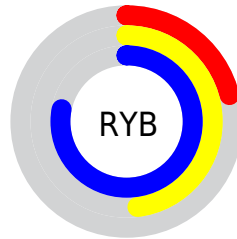
The XYZ color **28.2679, 37.5969, 60.4106** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **26.9352, 17.4447, 5.4388**, and the grayscale version is **26.6721, 28.0611, 30.5586**.

A 20% lighter version of the original color is **55.9306, 71.2759, 105.4175**, and **12.7777, 17.2541, 29.8510** is the 20% darker color. If you saturate the color by 10%, you get **26.8596, 36.0586, 60.1886**, and if you desaturate by 10%, it is **30.1307, 39.3872, 60.6587**.

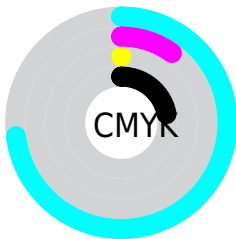
Distribution



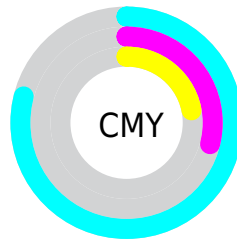
- Red (21%)
- Green (71%)
- Blue (78%)



- Red (21%)
- Yellow (48%)
- Blue (78%)



- Cyan (73%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)




- Cyan (79%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2679, 37.5969, 60.4106 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 28.2679, 37.5969, 60.4106 by changing the saturation by 10% instead.


 28.2679, 37.5969,
60.4106


 28.2679, 37.5969,
60.4106

285.8018,
335.8876, 443.9562


 18.6692, 25.6700,
43.3222


 56.3175, 71.4899,
106.9743


 11.5341, 16.5769,
29.8047

 75.4992, 94.2247,
137.2866

 6.4972, 9.9333,
19.4396


 98.6058, 121.3310,
172.8440

 3.1932, 5.3548,
11.8084

 126.0028,
153.1931, 214.0651

 1.2567, 2.4569,
6.4924

 158.0556,
190.1954, 261.3683

 0.1505, 0.8549,
3.0731

195.1294,

 0.0000, 0.0000,

232.7223, 315.1722

1.1321

237.5897,
281.1583, 375.8953

■ 0.0000, 0.0000,
0.0000

■ 28.2679, 37.5969,
60.4106

■ 28.2679, 37.5969,
60.4106

■ 26.8596, 36.0586,
60.1886

■ 30.1307, 39.3872,
60.6587

■ 25.8440, 34.7383,
59.9873

■ 32.4926, 41.4503,
60.9324

■ 25.2932, 33.9057,
59.8556

■ 35.3969, 43.8095,
61.2347

■ 38.8811, 46.4842,
61.5673

■ 42.9793, 49.4919,
61.9319

■ 47.7230, 52.8491,
62.3299

■ 53.1414, 56.5710,
62.7627

■ 59.2621, 60.6716,
63.2316

■ 66.1109, 65.1646,
63.7379

Harmonies

Analogous

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



26.6818, 37.5969, 44.2133



28.2679, 37.5969, 60.4106



31.8746, 37.5969, 73.2240

Triad

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



28.2679, 37.5969, 60.4106



45.7139, 37.5969, 53.5221



34.6314, 37.5969, 18.5457

Complementary

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



28.2679, 37.5969, 60.4106



26.9352, 17.4447, 5.4388

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.



39.8946, 37.5969, 19.8864



28.2679, 37.5969, 60.4106



46.6336, 37.5969, 37.8260

Square

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



28.2679, 37.5969, 60.4106



42.0090, 37.5969, 68.6192



44.4127, 37.5969, 26.1743



30.1185, 37.5969, 21.9255

Rectangle

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



28.2679, 37.5969, 60.4106



35.1090, 37.5969, 76.7294



44.4127, 37.5969, 26.1743



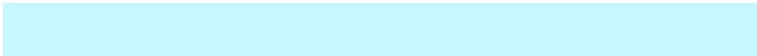
36.3678, 37.5969, 18.4740

Sweetspot

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



28.2691, 37.5983, 60.4115



74.9339, 86.0629, 107.2701



23.3948, 42.5810, 13.3723



15.5934, 18.0993, 22.9216



0.0000, 0.0000, 0.0000



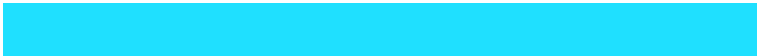
20.3446, 21.4041, 23.3091

Same Dimension

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



28.2691, 37.5983, 60.4115



45.3288, 60.9566, 103.9845



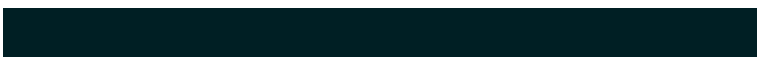
17.2615, 15.5831, 56.7423



10.8181, 11.8102, 13.6269



16.1307, 21.6553, 38.0741



0.7989, 1.0956, 1.8145

Inverse Universe

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



33.3778, 18.2142, 44.9379



55.2095, 27.6152, 73.1268



34.8375, 33.2493, 8.0729



11.0182, 10.7907, 13.0791



19.9414, 9.7261, 25.9648



0.9619, 0.4676, 1.3228

Previews

White Background



This preview shows how the XYZ color 28.2679, 37.5969, 60.4106 looks on a white background.

Color Contrast Check

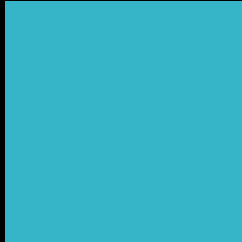
Large Text (above 18pt) WCAG AA × Fail

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 28.2679, 37.5969, 60.4106 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 28.2679, 37.5969, 60.4106

Background



This preview shows how black text looks on a background with the XYZ color 28.2679, 37.5969, 60.4106.



This preview shows how white text looks on a background with the XYZ color 28.2679, 37.5969,

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

28.2679, 37.5969, 60.4106

Protanopia

36.2955, 36.8424, 52.7753

Deuteranopia

37.9420, 37.2203, 62.3112



Tritanopia

27.7394, 37.6917, 57.4430

Trichromacy



Original Color

28.2679, 37.5969, 60.4106



Protanomaly

31.5876, 36.2467, 55.2006



Deuteranomaly

32.6673, 36.3820, 61.8006



Tritanomaly

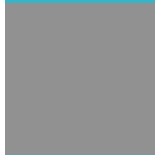
28.0181, 37.8090, 58.6445

Monochromacy



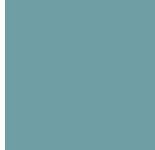
Original Color

28.2679, 37.5969, 60.4106



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.7005, 30.6151, 40.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2679, 37.5969, 60.4106 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(54, 180, 200)` looks like.

```
.text, #text, p{  
    color:rgb(54, 180, 200)  
}
```

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(54, 180, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 180, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.2679, 37.5969, 60.4106 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(54, 180, 200) }
```


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

```
.border{ border-color:rgb(54, 180, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 180, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 180, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 180, 200);  
box-shadow:4px 4px 4px 4px rgb(54, 180,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2679, 37.5969, 60.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 180, 200) }
```

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

```
.background{ background-color: rgb(54, 180,  
200) }
```

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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