

Converting Colors

XYZ(28.4767, 38.1810, 61.0732)

Have a look what the booklet for
XYZ(28.4767, 38.1810, 61.0732)
contains.

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Color

**XYZ(28.5860, 38.3511,
61.1542)**

Conversions

Conversions Part 1

Format	Color
Hex	32B6C9
RGB	50, 182, 201
RGB Percent	20%, 71%, 79%
CMY	0.8039, 0.2863, 0.2118
CMYK	0.75, 0.09, 0.00, 0.21
HSL	188°, 60%, 49%
HSV	188°, 75%, 79%
XYZ	28.5860, 38.3511, 61.1542
YIQ	144.6980, -84.7710, -22.0750

Conversions

Conversions Part 2

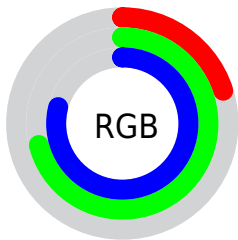
Format	Color
R _{YB}	50, 120, 201
Decimal	3323593
CIE _{Lab}	68.28, -28.27, -19.71
CIE _{LCh}	68, 34.462, 214.876
Y _{xy}	38.3511, 0.2232, 0.2994
Android (android.graphics.Color)	4281513673 (0xFF32B6C9)
YUV	144.6980, 27.7569, -83.0501
Hunter-Lab	61.9283, -25.9791, -15.1991

Details

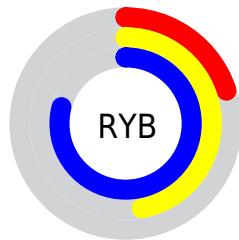
The XYZ color **28.5860, 38.3511, 61.1542** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **26.7924, 16.9056, 4.8699**, and the grayscale version is **26.7087, 28.0996, 30.6005**.

A 20% lighter version of the original color is **56.2323, 72.2910, 105.5975**, and **13.1167, 17.8071, 30.3496** is the 20% darker color. If you saturate the color by 10%, you get **27.2908, 36.9221, 60.9474**, and if you desaturate by 10%, it is **30.3278, 40.0257, 61.3864**.

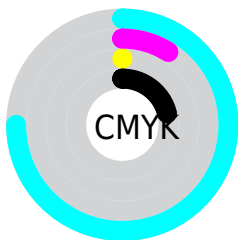
Distribution



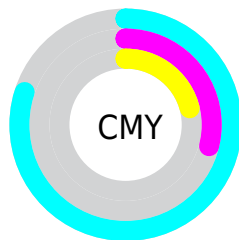
- Red (20%)
- Green (71%)
- Blue (79%)



- Red (20%)
- Yellow (47%)
- Blue (79%)



- Cyan (75%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5860, 38.3511, 61.1542 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 28.5860, 38.3511, 61.1542 by changing the saturation by 10% instead.

■ 28.5860, 38.3511,
61.1542

■ 28.5860, 38.3511,
61.1542

■ 287.2861,
339.1237, 446.7614

■ 18.9106, 26.2553,
43.9183

■ 56.8208, 72.6460,
108.0619

■ 11.7093, 17.0147,
30.2695

■ 76.1109, 95.6138,
138.5707

■ 6.6168, 10.2450,
19.7895

■ 99.3365, 122.9745,
174.3409

■ 3.2678, 5.5617,
12.0595

■ 126.8631,
155.1123, 215.7910

■ 1.2969, 2.5804,
6.6612

■ 159.0560,
192.4118, 263.3396

■ 0.1809, 0.9168,
3.1759

196.2806,

■ 0.0000, 0.0000,

235.2573, 317.4051

1.1852

238.9022,
284.0331, 378.4062

■ 0.0000, 0.0000,
0.0000

■ 28.5860, 38.3511,
61.1542

■ 28.5860, 38.3511,
61.1542

■ 27.2908, 36.9221,
60.9474

■ 30.3278, 40.0257,
61.3864

■ 26.3767, 35.7027,
60.7602

■ 32.5631, 41.9679,
61.6434

■ 26.0113, 35.1541,
60.6735

■ 35.3368, 44.2017,
61.9284

■ 38.6878, 46.7472,
62.2431

■ 42.6513, 49.6226,
62.5892

■ 47.2596, 52.8447,
62.9683

■ 52.5427, 56.4290,
63.3816

■ 58.5289, 60.3901,
63.8307

■ 65.2447, 64.7417,
64.3167

Harmonies

Analogous

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



27.0614, 38.3511, 44.3344



28.5860, 38.3511, 61.1542



32.2220, 38.3511, 74.8468

Triad

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



28.5860, 38.3511, 61.1542



46.6739, 38.3511, 55.6851



35.5769, 38.3511, 18.5993

Complementary

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



28.5860, 38.3511, 61.1542



26.7924, 16.9056, 4.8699

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.



41.0360, 38.3511, 20.2209



28.5860, 38.3511, 61.1542



47.7958, 38.3511, 39.2831

Square

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



28.5860, 38.3511, 61.1542



42.7110, 38.3511, 71.1820



45.6419, 38.3511, 26.9691



30.8357, 38.3511, 21.8185

Rectangle

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



28.5860, 38.3511, 61.1542



35.5329, 38.3511, 78.8899



45.6419, 38.3511, 26.9691



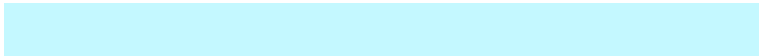
37.3860, 38.3511, 18.6058

Sweetspot

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



28.5872, 38.3525, 61.1551



74.3569, 85.9043, 107.2699



23.2349, 42.8651, 12.4585



15.3411, 17.9783, 22.9115



0.0000, 0.0000, 0.0000



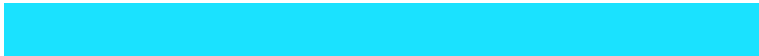
20.3446, 21.4041, 23.3091

Same Dimension

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



28.5872, 38.3525, 61.1551



45.6931, 61.8926, 104.1459



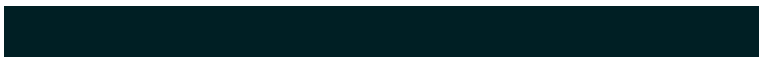
17.2098, 15.5976, 57.3627



10.8285, 11.8310, 13.6304



16.4011, 22.1960, 38.1642



0.8093, 1.1164, 1.8180

Inverse Universe

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



33.6726, 18.0774, 45.9720



55.3427, 27.4746, 74.4261



34.5044, 32.3296, 7.4406



11.0234, 10.7928, 13.1067



20.0778, 9.7807, 26.6834



0.9672, 0.4697, 1.3504

Previews

White Background



This preview shows how the XYZ color 28.5860, 38.3511, 61.1542 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 28.5860, 38.3511, 61.1542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

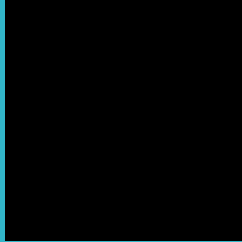
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5860, 38.3511, 61.1542

Background



This preview shows how black text looks on a background with the XYZ color 28.5860, 38.3511, 61.1542.



This preview shows how white text looks on a background with the XYZ color 28.5860, 38.3511,

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

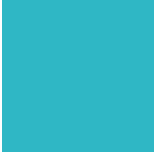
28.5860, 38.3511, 61.1542

Protanopia

37.1587, 37.8021, 53.4822

Deuteranopia

38.6377, 37.8255, 63.0222



Tritanopia

28.1838, 38.5025, 58.7696

Trichromacy



Original Color

28.5860, 38.3511, 61.1542



Protanomaly

32.0737, 37.0410, 55.9112



Deuteranomaly

32.9722, 36.8005, 62.4921



Tritanomaly

28.3455, 38.5726, 59.3774

Monochromacy



Original Color

28.5860, 38.3511, 61.1542



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.4488, 30.4853, 40.1403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5860, 38.3511, 61.1542 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(50, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(50, 182, 201)  
}
```

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(50, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 182, 201) }
```

Border

The CSS property to change the border of an element to XYZ 28.5860, 38.3511, 61.1542 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(50, 182, 201) }
```


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

```
.border{ border-color:rgb(50, 182, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 182, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(50, 182,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5860, 38.3511, 61.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 182, 201) }
```

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

```
.background{ background-color: rgb(50, 182,  
201) }
```

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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