

Converting Colors

XYZ(59.4004, 69.8013, 92.5469)

Have a look what the booklet for
XYZ(59.4004, 69.8013, 92.5469)
contains.

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Color

**XYZ(59.6200, 70.1029,
92.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E4F0
RGB	168, 228, 240
RGB Percent	66%, 89%, 94%
CMY	0.3412, 0.1059, 0.0588
CMYK	0.30, 0.05, 0.00, 0.06
HSL	190°, 71%, 80%
HSV	190°, 30%, 94%
XYZ	59.6200, 70.1029, 92.8270
YIQ	211.4280, -39.6120, -8.9880

Conversions

Conversions Part 2

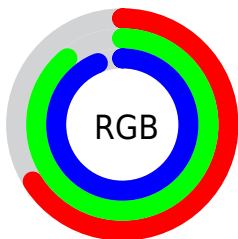
Format	Color
R _Y B	168, 201, 240
Decimal	11068656
CIE Lab	87.05, -16.16, -11.97
CIE LCh	87, 20.112, 216.540
Yxy	70.1029, 0.2679, 0.3150
Android (android.graphics.Color)	4289258736 (0xFFA8E4F0)
YUV	211.4280, 14.0860, -38.0864
Hunter-Lab	83.7275, -19.4182, -7.1244

Details

The XYZ color **59.6200, 70.1029, 92.8270** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3252, 53.9955, 44.3427**, and the grayscale version is **62.1300, 65.3656, 71.1832**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **30.4054, 36.8585, 50.8593** is the 20% darker color. If you saturate the color by 10%, you get **53.8875, 65.5350, 92.2486**, and if you desaturate by 10%, it is **66.3251, 75.2134, 93.4612**.

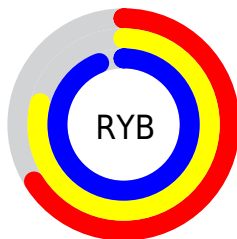
Distribution



Red (66%)

Green (89%)

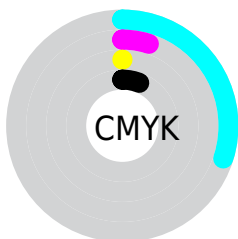
Blue (94%)



Red (66%)

Yellow (79%)

Blue (94%)

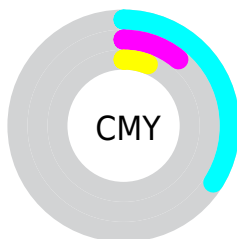


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6200, 70.1029, 92.8270 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 59.6200, 70.1029, 92.8270 by changing the saturation by 10% instead.

■ 59.6200, 70.1029,
92.8270

■ 59.6200, 70.1029,
92.8270

413.0529,
460.9112, 557.9903

■ 43.3607, 51.6104,
69.7409

■ 103.3877,
119.3555, 153.2287

■ 30.3640, 36.6946,
50.8398

131.6269,
150.8844, 191.3814

■ 20.2645, 24.9712,
35.7053

164.5900,
187.5276, 235.3932

■ 12.6968, 16.0556,
23.9188

202.6424,
229.6694, 285.6829

■ 7.2957, 9.5635,
15.0617

246.1496,
277.6943, 342.6689

■ 3.6957, 5.1105,
8.7156

295.4769,

■ 1.5314, 2.3122,

331.9866, 406.7698

4.4619

350.9895,
392.9308, 478.4041

■ 0.3471, 0.7802,
1.8820

■ 0.0000, 0.0000,
0.4812

■ 59.6200, 70.1029,
92.8270

■ 59.6200, 70.1029,
92.8270

■ 53.8875, 65.5350,
92.2486

■ 66.3251, 75.2134,
93.4612

■ 49.0693, 61.4741,
91.7187

■ 74.0445, 80.8833,
94.1487

■ 45.1101, 57.8935,
91.2363

■ 82.8254, 87.1385,
94.8933

■ 41.9464, 54.7599,
90.7982

■ 89.3194, 92.2534,
95.5383

■ 39.5053, 52.0356,
90.4010

■ 90.5359, 94.6863,
95.9438

■ 37.7002, 49.6756,
90.0406

■ 91.7786, 97.1718,
96.3581

■ 36.3850, 47.6045,
89.7102

■ 92.7284, 99.0714,
96.6747

■ 36.3849, 47.6044,
89.7101

Harmonies

Analogous

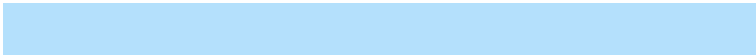
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0369, 70.1029, 79.3207



59.6200, 70.1029, 92.8270



63.0919, 70.1029, 102.6638

Triad

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



59.6200, 70.1029, 92.8270



75.2833, 70.1029, 87.1219



65.6051, 70.1029, 53.3648

Complementary

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



59.6200, 70.1029, 92.8270



59.3252, 53.9955, 44.3427

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.



70.2994, 70.1029, 54.9350



59.6200, 70.1029, 92.8270



76.0335, 70.1029, 73.4157

Square

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



59.6200, 70.1029, 92.8270



72.1662, 70.1029, 99.1084



74.1705, 70.1029, 61.9136



61.3858, 70.1029, 57.3403

Rectangle

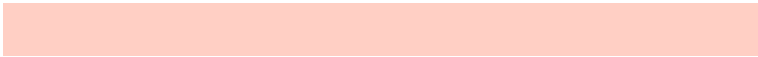
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6200, 70.1029, 92.8270



66.0859, 70.1029, 105.2384



74.1705, 70.1029, 61.9136



67.1785, 70.1029, 53.2692

Sweetspot

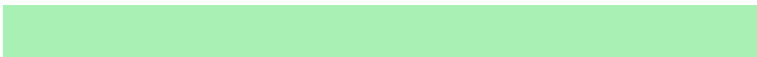
The Sweet Spot groups the original color and five complimentary colors.



59.6221, 70.1057, 92.8286



85.8971, 93.4884, 108.1256



55.4264, 73.8930, 53.8849



18.0890, 19.7962, 23.1176



0.0000, 0.0000, 0.0000



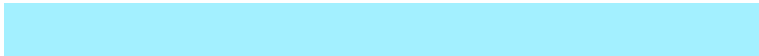
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6221, 70.1057, 92.8286



64.2680, 77.1732, 106.1164



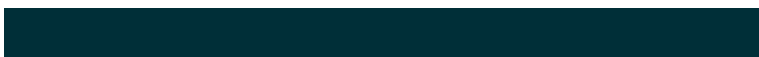
50.9923, 52.8461, 89.9520



16.0101, 17.4544, 20.2468



20.0021, 26.2285, 49.1363



1.7229, 2.2998, 4.1073

Inverse Universe

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



63.9431, 52.1336, 80.0945



70.0568, 53.7991, 88.8989



67.2539, 69.8529, 46.9856



16.3346, 15.9835, 19.3180



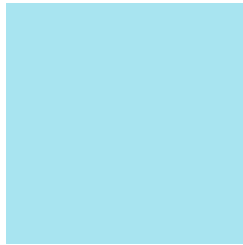
25.4218, 12.4411, 31.2012



2.1446, 1.0469, 2.7522

Previews

White Background



This preview shows how the XYZ color 59.6200, 70.1029, 92.8270 looks on a white background.

Color Contrast Check

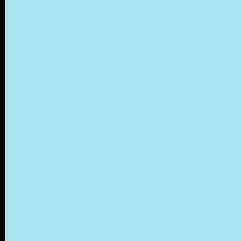
Large Text (above 18pt) WCAG AA × Fail

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 59.6200, 70.1029, 92.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

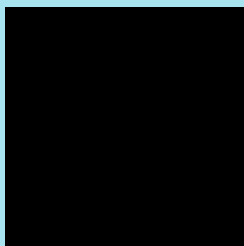
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

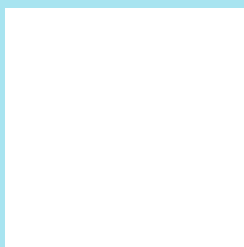
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6200, 70.1029, 92.8270

Background



This preview shows how black text looks on a background with the XYZ color 59.6200, 70.1029, 92.8270.



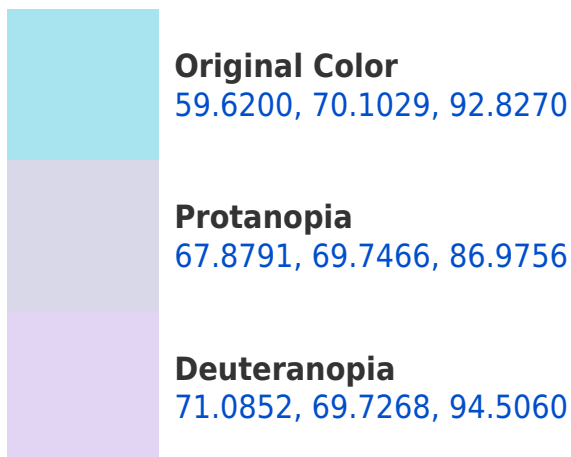
This preview shows how white text looks on a background with the XYZ color 59.6200, 70.1029,

92.8270.

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

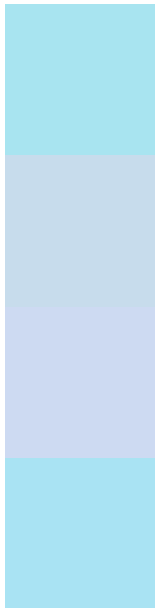




Tritanopia

60.3127, 69.9658, 96.7121

Trichromacy



Original Color

59.6200, 70.1029, 92.8270

Protanomaly

64.2867, 69.3846, 89.3612

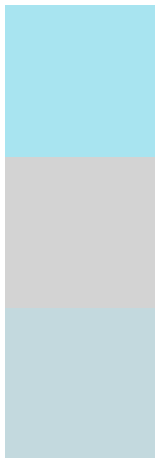
Deuteranomaly

66.2753, 69.5327, 93.9325

Tritanomaly

60.0089, 69.8443, 95.1125

Monochromacy



Original Color

59.6200, 70.1029, 92.8270

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5033, 66.5017, 78.7545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6200, 70.1029, 92.8270 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(168, 228, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 228, 240)  
}
```

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(168, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 228, 240) }
```

Border

The CSS property to change the border of an element to XYZ 59.6200, 70.1029, 92.8270 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(168, 228, 240) }
```


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

```
.border{ border-color:rgb(168, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 228,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6200, 70.1029, 92.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 228, 240) }
```

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

```
.background{ background-color: rgb(168,  
228, 240) }
```

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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