

Converting Colors

XYZ(61.3174, 69.3401, 93.2085)

Have a look what the booklet for
XYZ(61.3174, 69.3401, 93.2085)
contains.

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Color

**XYZ(61.3552, 69.3655,
93.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E0F1
RGB	180, 224, 241
RGB Percent	71%, 88%, 95%
CMY	0.2941, 0.1216, 0.0549
CMYK	0.25, 0.07, 0.00, 0.05
HSL	197°, 69%, 83%
HSV	197°, 25%, 95%
XYZ	61.3552, 69.3655, 93.3742
YIQ	212.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

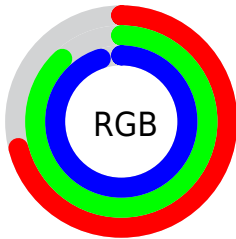
Format	Color
R _Y B	180, 206, 241
Decimal	11854065
CIE Lab	86.68, -10.48, -12.97
CIE LCh	87, 16.678, 231.055
Yxy	69.3655, 0.2738, 0.3095
Android (android.graphics.Color)	4290044145 (0xFFB4E0F1)
YUV	212.7820, 13.9115, -28.7498
Hunter-Lab	83.2860, -14.2528, -8.1715

Details

The XYZ color **61.3552, 69.3655, 93.3742** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.4808, 61.9288, 51.7364**, and the grayscale version is **63.0271, 66.3094, 72.2109**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.5491, 36.3143, 51.2455** is the 20% darker color. If you saturate the color by 10%, you get **54.4563, 63.1840, 92.5458**, and if you desaturate by 10%, it is **69.3050, 76.1980, 94.2752**.

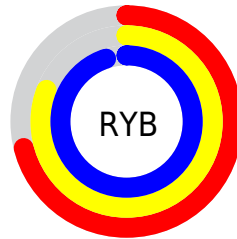
Distribution



Red (71%)

Green (88%)

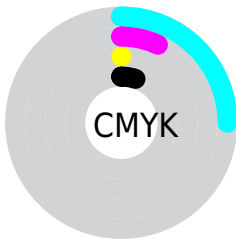
Blue (95%)



Red (71%)

Yellow (81%)

Blue (95%)

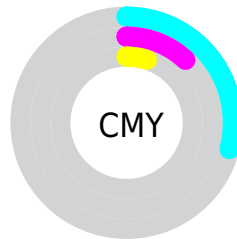


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3552, 69.3655, 93.3742 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 61.3552, 69.3655, 93.3742 by changing the saturation by 10% instead.

61.3552, 69.3655,
93.3742

61.3552, 69.3655,
93.3742

419.3303,
458.3190, 559.7978

44.7655, 51.0094,
70.1932

105.8883,
118.3035, 153.9928

31.4733, 36.2161,
51.2063

134.5624,
149.6542, 192.2674

21.1131, 24.6012,
35.9949

167.9953,
186.1052, 236.4103

13.3196, 15.7802,
24.1406

206.5525,
228.0409, 286.8400

7.7275, 9.3687,
15.2248

250.5992,
275.8458, 343.9750

3.9714, 4.9825,
8.8289

300.5008,

1.6860, 2.2370,

329.9041, 408.2340

4.5345

356.6228,
390.6004, 480.0354

■ 0.4475, 0.7400,
1.9229

■ 0.0000, 0.0000,
0.5072

■ 61.3552, 69.3655,
93.3742

■ 61.3552, 69.3655,
93.3742

■ 54.4563, 63.1840,
92.5458

■ 69.3050, 76.1980,
94.2752

■ 48.5507, 57.6176,
91.7826

■ 78.3471, 83.6989,
95.2464

■ 43.5848, 52.6389,
91.0834

■ 88.5282, 91.8951,
96.2918

■ 39.4968, 48.2149,
90.4449

■ 91.5727, 96.5216,
97.0244

■ 36.2171, 44.3086,
89.8638

■ 92.8774, 99.1310,
97.4593

■ 33.6650, 40.8769,
89.3359

■ 31.7409, 37.8672,
88.8564

■ 30.9840, 36.5642,
88.6448

Harmonies

Analogous

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



59.2162, 69.3655, 83.4582



61.3552, 69.3655, 93.3742



64.7778, 69.3655, 98.6354

Triad

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



61.3552, 69.3655, 93.3742



73.5696, 69.3655, 78.8948



63.2883, 69.3655, 57.3075

Complementary

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



61.3552, 69.3655, 93.3742



64.4808, 61.9288, 51.7364

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.



67.0954, 69.3655, 56.3433



61.3552, 69.3655, 93.3742



73.1326, 69.3655, 68.1153

Square

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



61.3552, 69.3655, 93.3742



71.8979, 69.3655, 89.7540



70.7264, 69.3655, 60.1129



60.3015, 69.3655, 62.8893

Rectangle

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



61.3552, 69.3655, 93.3742



67.3693, 69.3655, 98.4724



70.7264, 69.3655, 60.1129



64.5110, 69.3655, 56.4557

Sweetspot

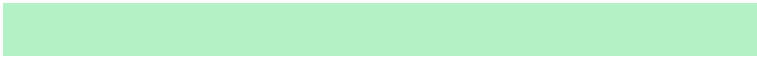
The Sweet Spot groups the original color and five complimentary colors.



61.3573, 69.3683, 93.3758



86.1524, 92.7608, 107.9717



60.2732, 76.6129, 63.9963



18.1019, 19.5754, 23.0743



0.0000, 0.0000, 0.0000



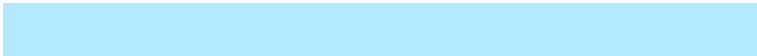
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3573, 69.3683, 93.3758



65.8579, 75.4099, 105.6922



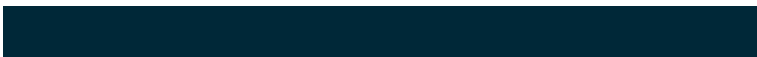
54.0447, 54.7432, 90.9383



15.8534, 17.1409, 20.1946



16.9210, 20.0663, 48.1092



1.4909, 1.8358, 4.0300

Inverse Universe

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



66.0531, 56.7267, 77.9922



72.0659, 59.2225, 85.2366



71.9204, 76.8080, 54.2163



16.2554, 15.9519, 18.9014



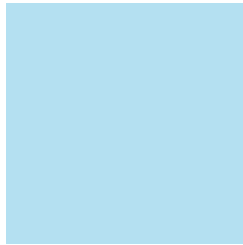
23.8666, 11.8191, 23.0117



2.0275, 1.0000, 2.1356

Previews

White Background



This preview shows how the XYZ color 61.3552, 69.3655, 93.3742 looks on a white background.

Color Contrast Check

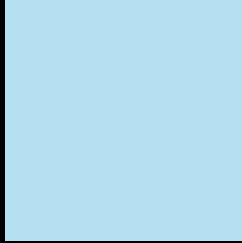
Large Text (above 18pt) WCAG AA × Fail

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 61.3552, 69.3655, 93.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

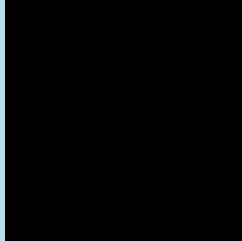
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3552, 69.3655, 93.3742

Background



This preview shows how black text looks on a background with the XYZ color 61.3552, 69.3655, 93.3742.

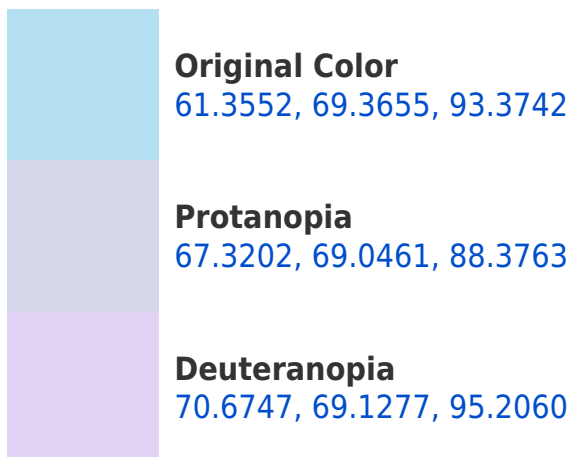


This preview shows how white text looks on a background with the XYZ color 61.3552, 69.3655,

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

61.5051, 69.4254, 94.1632

Trichromacy



Original Color

61.3552, 69.3655, 93.3742

Protanomaly

64.7146, 68.8138, 89.9923

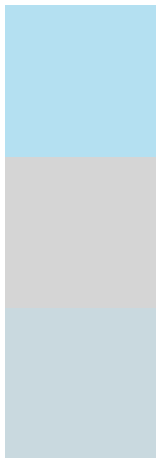
Deuteranomaly

67.0280, 69.1381, 94.6063

Tritanomaly

61.5051, 69.4254, 94.1632

Monochromacy



Original Color

61.3552, 69.3655, 93.3742

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2195, 67.3709, 79.5366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3552, 69.3655, 93.3742 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(180, 224, 241)` looks like.

```
.text, #text, p{  
    color:rgb(180, 224, 241)  
}
```

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(180, 224, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 224, 241) }
```

Border

The CSS property to change the border of an element to XYZ 61.3552, 69.3655, 93.3742 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(180, 224, 241) }
```


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

```
.border{ border-color:rgb(180, 224, 241) }
```

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

Here you see how a box with a 4 pixel rgb(180, 224, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 224, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 224, 241);  
box-shadow:4px 4px 4px 4px rgb(180, 224,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3552, 69.3655, 93.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 224, 241) }
```

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

```
.background{ background-color: rgb(180,  
224, 241) }
```

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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