

Converting Colors

XYZ(54.3093, 61.1155, 75.2637)

Have a look what the booklet for
XYZ(54.3093, 61.1155, 75.2637)
contains.

XYZ(54.3093, 61.1155, 75.2637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.3093, 61.1155,
75.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D3DA
RGB	178, 211, 218
RGB Percent	70%, 83%, 85%
CMY	0.3020, 0.1725, 0.1451
CMYK	0.18, 0.03, 0.00, 0.15
HSL	190°, 35%, 78%
HSV	190°, 18%, 85%
XYZ	54.3093, 61.1155, 75.2637
YIQ	201.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

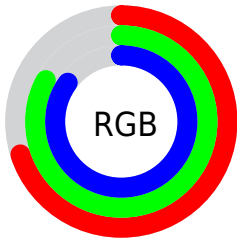
Format	Color
R _Y B	178, 196, 218
Decimal	11719642
CIE Lab	82.44, -9.41, -7.11
CIE LCh	82, 11.794, 217.081
Yxy	61.1155, 0.2848, 0.3205
Android (android.graphics.Color)	4289909722 (0xFFB2D3DA)
YUV	201.9310, 7.9220, -20.9875
Hunter-Lab	78.1764, -12.8044, -2.3575

Details

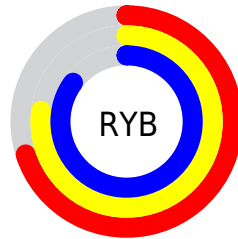
The XYZ color **54.3093, 61.1155, 75.2637** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2988, 52.8178, 49.4538**, and the grayscale version is **56.0594, 58.9789, 64.2280**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **26.9568, 30.7813, 39.1709** is the 20% darker color. If you saturate the color by 10%, you get **48.7637, 56.8684, 74.7372**, and if you desaturate by 10%, it is **60.6759, 65.8224, 75.8377**.

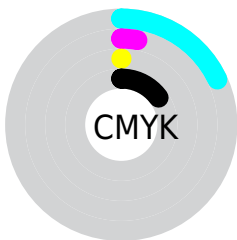
Distribution



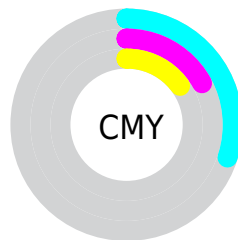
- Red (70%)
- Green (83%)
- Blue (85%)



- Red (70%)
- Yellow (77%)
- Blue (85%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3093, 61.1155, 75.2637 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 54.3093, 61.1155, 75.2637 by changing the saturation by 10% instead.

■ 54.3093, 61.1155,
75.2637

■ 54.3093, 61.1155,
75.2637

393.4675,
428.6974, 498.1030

■ 39.0806, 44.3184,
55.3259

■ 95.6825, 106.4462,
128.4361

■ 27.0035, 30.9209,
39.2624

122.5577,
135.7485, 162.5078

■ 17.7124, 20.5386,
26.6545

154.0458,
169.9880, 202.1279

■ 10.8422, 12.7872,
17.0838

190.5122,
209.5491, 247.7149

■ 6.0273, 7.2822,
10.1316

232.3222,
254.8162, 299.6874

■ 2.9025, 3.6392,
5.3796

279.8412,

■ 1.1024, 1.4738,

306.1737, 358.4639

2.4090

333.4345,
364.0059, 424.4629

■ 0.0271, 0.2702,
0.7914

■ 0.0000, 0.0000,
0.0000

■ 54.3093, 61.1155,
75.2637

■ 54.3093, 61.1155,
75.2637

■ 48.7637, 56.8684,
74.7372

■ 60.6759, 65.8224,
75.8377

■ 43.9960, 53.0538,
74.2522

■ 67.8932, 70.9999,
76.4566

■ 39.9675, 49.6532,
73.8081

■ 75.9960, 76.6677,
77.1235

■ 36.6336, 46.6435,
73.4029

■ 81.1617, 80.8554,
77.6596

■ 33.9452, 43.9989,
73.0342

■ 82.2119, 82.9557,
78.0096

■ 31.8463, 41.6904,
72.6992

■ 83.2853, 85.1024,
78.3674

■ 30.2709, 39.6837,
72.3949

■ 84.3820, 87.2959,
78.7330

■ 29.1218, 37.9286,
72.1167

■ 85.5022, 89.5364,
79.1064

■ 28.9494, 37.6507,
72.0721

■ 86.6461, 91.8241,
79.4877

Harmonies

Analogous

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



53.4131, 61.1155, 68.2691



54.3093, 61.1155, 75.2637



56.2225, 61.1155, 80.1564

Triad

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



54.3093, 61.1155, 75.2637



62.6649, 61.1155, 72.0940



57.4934, 61.1155, 53.7057

Complementary

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



54.3093, 61.1155, 75.2637



54.2988, 52.8178, 49.4538

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.



59.9952, 61.1155, 54.5679



54.3093, 61.1155, 75.2637



63.0290, 61.1155, 64.8490

Square

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



54.3093, 61.1155, 75.2637



61.0581, 61.1155, 78.2360



62.0390, 61.1155, 58.5259



55.2167, 61.1155, 56.0798

Rectangle

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



54.3093, 61.1155, 75.2637



57.8421, 61.1155, 81.3820



62.0390, 61.1155, 58.5259



58.3355, 61.1155, 53.6296

Sweetspot

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



54.3111, 61.1180, 75.2651



88.7955, 95.5170, 108.3643



52.1545, 63.0976, 55.1461



18.8660, 20.3434, 23.1823



0.0000, 0.0000, 0.0000



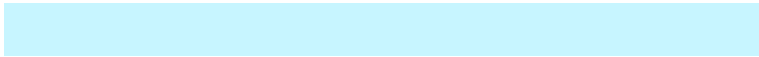
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3111, 61.1180, 75.2651



74.2855, 84.7661, 107.0540



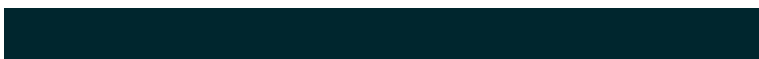
49.7198, 51.9354, 73.7346



13.2410, 14.4218, 16.7379



17.4142, 22.6978, 43.2017



1.1802, 1.5744, 2.8161

Inverse Universe

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



56.5932, 51.4508, 68.5791



78.1503, 68.6648, 95.6702



58.7021, 61.6243, 50.9215



13.5115, 13.2337, 15.9549



22.2852, 10.9151, 26.9456



1.4700, 0.7176, 1.8838

Previews

White Background



This preview shows how the XYZ color 54.3093, 61.1155, 75.2637 looks on a white background.

Color Contrast Check

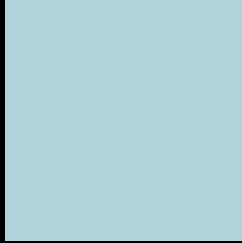
Large Text (above 18pt) WCAG AA × Fail

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 54.3093, 61.1155, 75.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

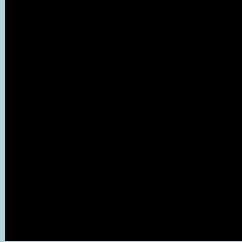
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3093, 61.1155, 75.2637

Background



This preview shows how black text looks on a background with the XYZ color 54.3093, 61.1155, 75.2637.



This preview shows how white text looks on a background with the XYZ color 54.3093, 61.1155,

75.2637.

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

54.3093, 61.1155, 75.2637

Protanopia

59.1841, 61.1626, 72.3046

Deuteranopia

61.9570, 60.7659, 76.1736



Tritanopia

55.5965, 61.2875, 80.8509

Trichromacy



Original Color

54.3093, 61.1155, 75.2637

Protanomaly

57.3435, 61.2677, 73.0935

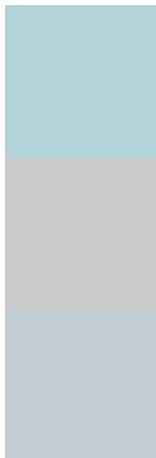
Deuteranomaly

58.7707, 60.5229, 75.6024

Tritanomaly

54.9563, 61.0046, 78.6906

Monochromacy



Original Color

54.3093, 61.1155, 75.2637

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2088, 59.5542, 68.2598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3093, 61.1155, 75.2637 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(178, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(178, 211, 218)  
}
```

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(178, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 211, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.3093, 61.1155, 75.2637 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(178, 211, 218) }
```


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

```
.border{ border-color:rgb(178, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(178, 211,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3093, 61.1155, 75.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 211, 218) }
```

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

```
.background{ background-color: rgb(178,  
211, 218) }
```

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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