

Converting Colors

XYZ(55.7651, 62.7974, 73.9652)

Have a look what the booklet for
XYZ(55.7651, 62.7974, 73.9652)
contains.

XYZ(55.7174, 62.6136, 74.1148)	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(55.7174, 62.6136,
74.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D5D8
RGB	183, 213, 216
RGB Percent	72%, 84%, 85%
CMY	0.2823, 0.1647, 0.1529
CMYK	0.15, 0.01, 0.00, 0.15
HSL	185°, 30%, 78%
HSV	185°, 15%, 85%
XYZ	55.7174, 62.6136, 74.1148
YIQ	204.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

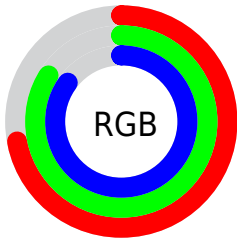
Format	Color
RYB	183, 199, 216
Decimal	12047832
CIELab	83.24, -9.29, -4.83
CIELCh	83, 10.473, 207.468
Yxy	62.6136, 0.2895, 0.3254
Android (android.graphics.Color)	4290237912 (0xFFB7D5D8)
YUV	204.3720, 5.7326, -18.7432
Hunter-Lab	79.1288, -12.7871, -0.1430

Details

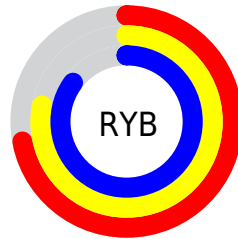
The XYZ color **55.7174, 62.6136, 74.1148** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4257, 53.1358, 52.1888**, and the grayscale version is **57.6047, 60.6046, 65.9984**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.8658, 31.7728, 38.3823** is the 20% darker color. If you saturate the color by 10%, you get **50.4788, 59.1865, 73.7304**, and if you desaturate by 10%, it is **61.7540, 66.4643, 74.5409**.

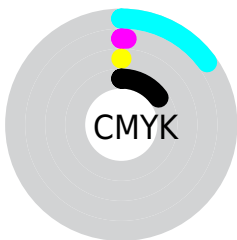
Distribution



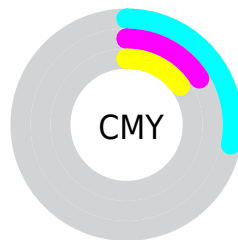
- Red (72%)
- Green (84%)
- Blue (85%)



- Red (72%)
- Yellow (78%)
- Blue (85%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7174, 62.6136, 74.1148 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 55.7174, 62.6136, 74.1148 by changing the saturation by 10% instead.

■ 55.7174, 62.6136,
74.1148

■ 55.7174, 62.6136,
74.1148

398.7179,
434.1658, 494.0435

■ 40.2125, 45.5287,
54.3906

■ 97.7335, 108.6119,
126.7941

■ 27.8892, 31.8741,
38.5188

124.9754,
138.2940, 160.5863

■ 18.3822, 21.2653,
26.0806

156.8603,
172.9440, 199.9049

■ 11.3261, 13.3181,
16.6577

193.7536,
212.9463, 245.1685

■ 6.3555, 7.6479,
9.8313

236.0207,
258.6852, 296.7956

■ 3.1051, 3.8705,
5.1831

284.0269,

■ 1.2096, 1.6014,

310.5451, 355.2048

2.2945

338.1375,
368.9106, 420.8146

■ 0.1139, 0.3585,
0.7281

■ 0.0000, 0.0000,
0.0000

■ 55.7174, 62.6136,
74.1148

■ 55.7174, 62.6136,
74.1148

■ 50.4788, 59.1865,
73.7304

■ 61.7540, 66.4643,
74.5409

■ 45.9970, 56.1567,
73.3818

■ 68.6168, 70.7481,
75.0060

■ 42.2351, 53.5068,
73.0686

■ 76.3392, 75.4840,
75.5131

■ 39.1512, 51.2152,
72.7888

■ 79.4522, 77.8526,
75.8063

■ 36.6986, 49.2579,
72.5403

■ 79.9728, 78.8938,
75.9798

■ 34.8253, 47.6078,
72.3205

■ 80.4995, 79.9471,
76.1553

■ 33.4703, 46.2336,
72.1267

■ 81.0322, 81.0126,
76.3329

■ 32.5591, 45.0969,
71.9553

■ 81.5711, 82.0903,
76.5125

■ 32.2212, 44.6107,
71.8793

■ 82.1161, 83.1803,
76.6942

Harmonies

Analogous

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



55.2512, 62.6136, 67.6241



55.7174, 62.6136, 74.1148



57.1924, 62.6136, 79.2847

Triad

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



55.7174, 62.6136, 74.1148



63.2745, 62.6136, 75.1321



59.7057, 62.6136, 56.4177

Complementary

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



55.7174, 62.6136, 74.1148



54.4257, 53.1358, 52.1888

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.



61.8942, 62.6136, 58.1559



55.7174, 62.6136, 74.1148



63.9872, 62.6136, 68.7301

Square

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



55.7174, 62.6136, 74.1148



61.5515, 62.6136, 79.8978



63.4758, 62.6136, 62.5624



57.5187, 62.6136, 57.6599

Rectangle

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



55.7174, 62.6136, 74.1148



58.5689, 62.6136, 81.1415



63.4758, 62.6136, 62.5624



60.4659, 62.6136, 56.6702

Sweetspot

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



55.7192, 62.6162, 74.1162



90.1455, 96.9249, 108.5649



52.9219, 62.7147, 55.6323



19.1526, 20.6562, 23.2275



0.0000, 0.0000, 0.0000



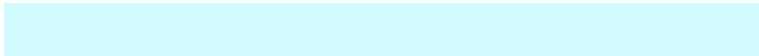
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7192, 62.6162, 74.1162



78.8172, 89.6787, 107.7634



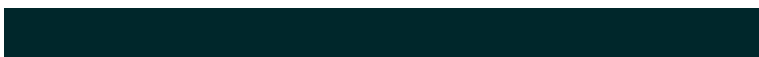
51.8339, 54.8455, 72.8211



12.6913, 13.9060, 15.9527



19.1131, 26.4880, 42.5585



1.1816, 1.6553, 2.5765

Inverse Universe

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



57.2641, 53.2714, 70.2179



81.4510, 73.8644, 101.0915



58.0465, 60.3775, 53.3957



12.9021, 12.6123, 15.4248



22.7063, 11.0188, 32.0869



1.3841, 0.6704, 2.0120

Previews

White Background



This preview shows how the XYZ color 55.7174, 62.6136, 74.1148 looks on a white background.

Color Contrast Check

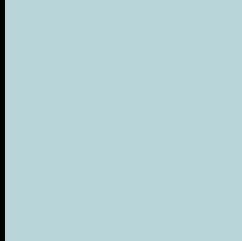
Large Text (above 18pt) WCAG AA × Fail

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 55.7174, 62.6136, 74.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

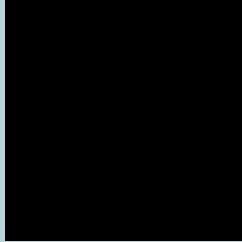
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7174, 62.6136, 74.1148

Background



This preview shows how black text looks on a background with the XYZ color 55.7174, 62.6136, 74.1148.



This preview shows how white text looks on a background with the XYZ color 55.7174, 62.6136,

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

55.7174, 62.6136, 74.1148

Protanopia

60.2495, 62.4514, 71.1662

Deuteranopia

63.6657, 62.3648, 75.0117



Tritanopia

57.3054, 62.5043, 82.4430

Trichromacy



Original Color

55.7174, 62.6136, 74.1148

Protanomaly

58.6301, 62.6844, 71.9599

Deuteranomaly

60.3681, 62.0823, 74.4470

Tritanomaly

56.7652, 62.6591, 79.6236

Monochromacy



Original Color

55.7174, 62.6136, 74.1148

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.4629, 60.9155, 68.4565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7174, 62.6136, 74.1148 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(183, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(183, 213, 216)  
}
```

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(183, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 213, 216) }
```

Border

The CSS property to change the border of an element to XYZ 55.7174, 62.6136, 74.1148 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(183, 213, 216) }
```


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

```
.border{ border-color:rgb(183, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 213, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 213, 216); box-shadow:4px 4px 4px 4px rgb(183, 213, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7174, 62.6136, 74.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 213, 216) }
```

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

```
.background{ background-color: rgb(183,  
213, 216) }
```

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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