

Converting Colors

XYZ(51.6749, 62.0809, 55.1610)

Have a look what the booklet for
XYZ(51.6749, 62.0809, 55.1610)
contains.

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Color

**XYZ(51.6729, 62.0795,
55.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D8B9
RGB	178, 216, 185
RGB Percent	70%, 85%, 73%
CMY	0.3020, 0.1529, 0.2745
CMYK	0.18, 0.00, 0.14, 0.15
HSL	131°, 33%, 77%
HSV	131°, 18%, 85%
XYZ	51.6729, 62.0795, 55.1580
YIQ	201.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

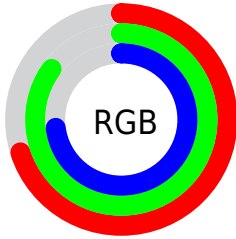
Format	Color
RYB	178, 210, 216
Decimal	11720889
CIELab	82.96, -18.45, 11.18
CIElCh	83, 21.576, 148.791
Yxy	62.0795, 0.3059, 0.3675
Android (android.graphics.Color)	4289910969 (0xFFB2D8B9)
YUV	201.1040, -7.9393, -20.2622
Hunter-Lab	78.7905, -20.8185, 13.6469

Details

The XYZ color **51.6729, 62.0795, 55.1580** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.7501, 51.0446, 67.2386**, and the grayscale version is **55.6365, 58.5340, 63.7435**.

A 20% lighter version of the original color is **85.5689, 95.3633, 97.1161**, and **25.3672, 31.5157, 26.5759** is the 20% darker color. If you saturate the color by 10%, you get **45.3553, 59.0262, 45.7464**, and if you desaturate by 10%, it is **59.0049, 65.6326, 65.8233**.

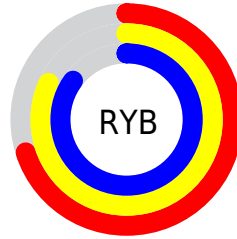
Distribution



Red (70%)

Green (85%)

Blue (73%)



Red (70%)

Yellow (82%)

Blue (85%)

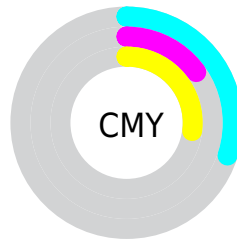


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6729, 62.0795, 55.1580 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 51.6729, 62.0795, 55.1580 by changing the saturation by 10% instead.

■ 51.6729, 62.0795,
55.1580

■ 51.6729, 62.0795,
55.1580

383.5172,
432.2210, 423.8094

■ 36.9676, 45.0969,
39.1288

■ 91.8257, 107.8404,
99.2459

■ 25.3560, 31.5338,
26.5513

118.0040,
137.3876, 128.1416

■ 16.4726, 21.0057,
17.0071

148.7374,
171.8917, 162.1633

■ 9.9522, 13.1281,
10.0775

184.3911,
211.7372, 201.7294

■ 5.4293, 7.5168,
5.3441

225.3306,
257.3085, 247.2586

■ 2.5386, 3.7874,
2.3883

271.9212,

■ 0.9148, 1.5553,

308.9900, 299.1692

0.7801

324.5283,
367.1660, 357.8800

■ 0.0000, 0.3272,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.6729, 62.0795,
55.1580

■ 51.6729, 62.0795,
55.1580

■ 45.3553, 59.0262,
45.7464

■ 59.0049, 65.6326,
65.8233

■ 40.0022, 56.4427,
37.5385

■ 67.3882, 69.6983,
77.7816

■ 35.5671, 54.3078,
30.4869

■ 76.8641, 74.2989,
91.0760

■ 31.9975, 52.5956,
24.5394

■ 83.8471, 77.5942,
105.1657

■ 29.2355, 51.2773,
19.6400

■ 27.2161, 50.3207,
15.7276

■ 25.8637, 49.6884,
12.7350

■ 25.0773, 49.3298,
10.5856

■ 24.9365, 49.2659,
10.1837

Harmonies

Analogous

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



54.7964, 62.0795, 47.5188



51.6729, 62.0795, 55.1580



50.4976, 62.0795, 67.0545

Triad

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



51.6729, 62.0795, 55.1580



58.8160, 62.0795, 96.6105



67.2050, 62.0795, 55.9803

Complementary

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



51.6729, 62.0795, 55.1580



55.7501, 51.0446, 67.2386

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.



68.4172, 62.0795, 68.1365



51.6729, 62.0795, 55.1580



63.4231, 62.0795, 92.6508

Square

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



51.6729, 62.0795, 55.1580



54.4856, 62.0795, 91.9848



66.9992, 62.0795, 81.7715



63.7671, 62.0795, 47.9478

Rectangle

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



51.6729, 62.0795, 55.1580



50.9273, 62.0795, 76.1955



66.9992, 62.0795, 81.7715



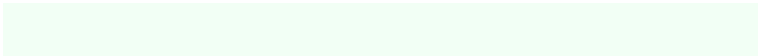
67.8940, 62.0795, 59.6655

Sweetspot

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



51.6746, 62.0821, 55.1594



88.8840, 97.0096, 100.1053



58.8982, 65.8893, 51.7338



18.8462, 20.6774, 21.1704



0.0000, 0.0000, 0.0000



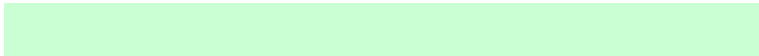
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6746, 62.0821, 55.1594



71.7659, 88.7189, 75.1767



53.8130, 62.9375, 66.4200



12.3549, 13.9330, 13.6835



14.7882, 29.1706, 6.1802



0.9204, 1.7708, 0.5226

Inverse Universe

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



55.7501, 51.0446, 67.2386



78.7339, 69.8443, 95.8265



53.5391, 50.1602, 55.5957



12.8503, 12.5916, 15.1520



21.4498, 10.5163, 25.4707



1.3198, 0.6447, 1.6735

Previews

White Background



This preview shows how the XYZ color 51.6729, 62.0795, 55.1580 looks on a white background.

Color Contrast Check

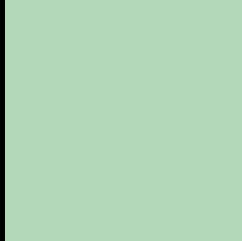
Large Text (above 18pt) WCAG AA × Fail

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 51.6729, 62.0795, 55.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

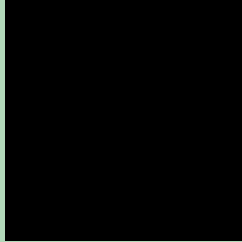
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

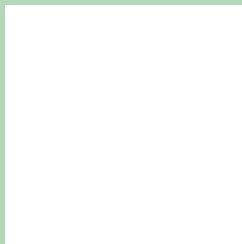
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6729, 62.0795, 55.1580

Background



This preview shows how black text looks on a background with the XYZ color 51.6729, 62.0795, 55.1580.



This preview shows how white text looks on a background with the XYZ color 51.6729, 62.0795,

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

51.6729, 62.0795, 55.1580

Protanopia

58.3884, 61.5569, 51.9843

Deuteranopia

62.8874, 61.6768, 56.7344



Tritanopia

56.9193, 61.9535, 81.6313

Trichromacy



Original Color

51.6729, 62.0795, 55.1580

Protanomaly

55.6011, 61.5349, 53.2029

Deuteranomaly

58.0598, 61.2905, 56.3471

Tritanomaly

54.7186, 61.7855, 71.3292

Monochromacy



Original Color

51.6729, 62.0795, 55.1580

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.9140, 59.4202, 60.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6729, 62.0795, 55.1580 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, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 216, 185)  
}
```

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, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 216, 185) }
```

Border

The CSS property to change the border of an element to XYZ 51.6729, 62.0795, 55.1580 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, 216, 185) }
```


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

```
.border{ border-color:rgb(178, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 216, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 216, 185); box-shadow:4px 4px 4px 4px rgb(178, 216, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6729, 62.0795, 55.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 216, 185) }
```

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

```
.background{ background-color: rgb(178,  
216, 185) }
```

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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