

Converting Colors

XYZ(48.9028, 55.5782, 60.4075)

Have a look what the booklet for
XYZ(48.9028, 55.5782, 60.4075)
contains.

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Color

**XYZ(48.7635, 55.3405,
60.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCAC4
RGB	175, 202, 196
RGB Percent	69%, 79%, 77%
CMY	0.3137, 0.2078, 0.2314
CMYK	0.13, 0.00, 0.03, 0.21
HSL	167°, 20%, 74%
HSV	167°, 13%, 79%
XYZ	48.7635, 55.3405, 60.3362
YIQ	193.2430, -14.1660, -7.5900

Conversions

Conversions Part 2

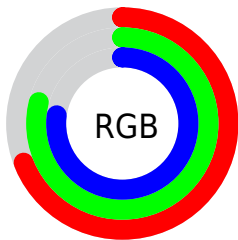
Format	Color
RYB	175, 190, 202
Decimal	11520708
CIELab	79.24, -10.23, -0.07
CIELCh	79, 10.232, 180.406
Yxy	55.3405, 0.2965, 0.3365
Android (android.graphics.Color)	4289710788 (0xFFAFCAC4)
YUV	193.2430, 1.3592, -15.9991
Hunter-Lab	74.3912, -13.1777, 3.9857

Details

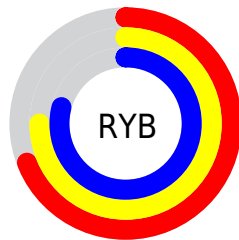
The XYZ color **48.7635, 55.3405, 60.3362** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0295, 46.5541, 50.1729**, and the grayscale version is **50.8309, 53.4781, 58.2377**.

A 20% lighter version of the original color is **86.4446, 95.6008, 106.8252**, and **23.4984, 27.2704, 29.6164** is the 20% darker color. If you saturate the color by 10%, you get **44.0613, 52.9761, 57.4885**, and if you desaturate by 10%, it is **54.1624, 58.0653, 63.2987**.

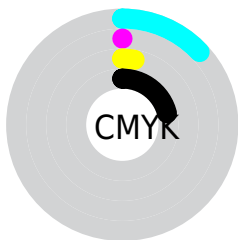
Distribution



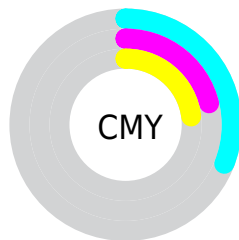
- Red (69%)
- Green (79%)
- Blue (77%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7635, 55.3405, 60.3362 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 48.7635, 55.3405, 60.3362 by changing the saturation by 10% instead.

■ 48.7635, 55.3405,
60.3362

■ 48.7635, 55.3405,
60.3362

372.3429,
407.2014, 443.6749

■ 34.6457, 39.6744,
43.2626

■ 87.5429, 98.0397,
106.8654

■ 23.5553, 27.2848,
29.7583

112.9353,
125.8415, 137.1580

■ 15.1270, 17.7872,
19.4047

142.8164,
158.4574, 172.6941

■ 8.9955, 10.7973,
11.7833

177.5519,
196.2717, 213.8921

■ 4.7953, 5.9307,
6.4756

217.5069,
239.6689, 261.1707

■ 2.1612, 2.8030,
3.0629

263.0468,

■ 0.7222, 1.0298,

289.0333, 314.9483

1.1269

314.5371,
344.7493, 375.6435

■ 0.0000, 0.0000,
0.0000

■ 48.7635, 55.3405,
60.3362

■ 48.7635, 55.3405,
60.3362

■ 44.0613, 52.9761,
57.4885

■ 54.1624, 58.0653,
63.2987

■ 40.0209, 50.9496,
54.7499

■ 60.2816, 61.1581,
66.3743

■ 36.6115, 49.2467,
52.1192

■ 67.1493, 64.6350,
69.5661

■ 33.7979, 47.8492,
49.5943

■ 74.4946, 68.3563,
72.8622

■ 31.5415, 46.7373,
47.1725

■ 75.0761, 68.5889,
75.9243

■ 29.7989, 45.8885,
44.8511

■ 75.6735, 68.8279,
79.0703

■ 28.5202, 45.2772,
42.6270

■ 76.2870, 69.0733,
82.3009

■ 27.6452, 44.8724,
40.4966

■ 76.9167, 69.3251,
85.6168

■ 27.2156, 44.6807,
39.1316

■ 77.5627, 69.5835,
89.0185

Harmonies

Analogous

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



49.2529, 55.3405, 54.8627



48.7635, 55.3405, 60.3362



49.2796, 55.3405, 66.1394

Triad

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



48.7635, 55.3405, 60.3362



54.6154, 55.3405, 70.5033



54.5660, 55.3405, 50.9824

Complementary

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



48.7635, 55.3405, 60.3362



48.0295, 46.5541, 50.1729

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.



56.0653, 55.3405, 54.7330



48.7635, 55.3405, 60.3362



56.0943, 55.3405, 65.9925

Square

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



48.7635, 55.3405, 60.3362



52.6273, 55.3405, 72.2373



56.6315, 55.3405, 60.1767



52.5716, 55.3405, 49.6793

Rectangle

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



48.7635, 55.3405, 60.3362



50.1322, 55.3405, 69.3602



56.6315, 55.3405, 60.1767



55.1464, 55.3405, 51.9862

Sweetspot

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



48.7651, 55.3428, 60.3374



91.0335, 97.9713, 106.8176



47.9866, 55.1986, 48.6835



19.3280, 20.8907, 22.7803



0.0000, 0.0000, 0.0000



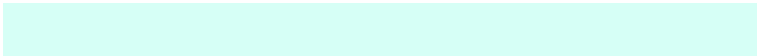
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7651, 55.3428, 60.3374



80.1738, 92.4958, 100.7602



47.8119, 52.3209, 63.4588



11.4324, 12.6827, 13.8343



17.5468, 28.7640, 25.3621



0.9323, 1.4947, 1.4508

Inverse Universe

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



48.0295, 46.5541, 50.1729



78.6930, 74.7967, 80.2928



48.8657, 49.1912, 47.4776



11.3127, 11.2538, 12.1815



16.0051, 8.2126, 2.4794



0.8552, 0.4355, 0.2832

Previews

White Background



This preview shows how the XYZ color 48.7635, 55.3405, 60.3362 looks on a white background.

Color Contrast Check

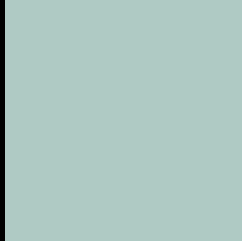
Large Text (above 18pt) WCAG AA × Fail

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 48.7635, 55.3405, 60.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

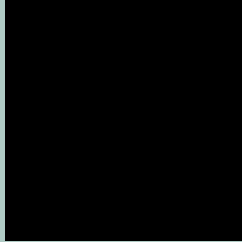
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

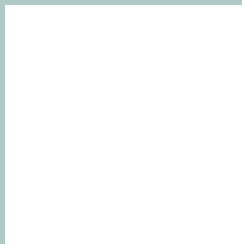
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7635, 55.3405, 60.3362

Background



This preview shows how black text looks on a background with the XYZ color 48.7635, 55.3405, 60.3362.



This preview shows how white text looks on a background with the XYZ color 48.7635, 55.3405,

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

48.7635, 55.3405, 60.3362

Protanopia

52.8490, 55.1153, 57.7221

Deuteranopia

56.3381, 55.2003, 61.1115



Tritanopia

51.0493, 55.2181, 72.2576

Trichromacy



Original Color

48.7635, 55.3405, 60.3362

Protanomaly

51.3056, 55.3148, 58.4248

Deuteranomaly

53.1892, 54.8942, 60.6156

Tritanomaly

50.1709, 55.2097, 67.6868

Monochromacy



Original Color

48.7635, 55.3405, 60.3362

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.7272, 53.8140, 58.8052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7635, 55.3405, 60.3362 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(175, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 196)  
}
```

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(175, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 196) }
```

Border

The CSS property to change the border of an element to XYZ 48.7635, 55.3405, 60.3362 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(175, 202, 196) }
```


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

```
.border{ border-color:rgb(175, 202, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 196); box-shadow:4px 4px 4px 4px rgb(175, 202, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7635, 55.3405, 60.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 196) }
```

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

```
.background{ background-color: rgb(175,  
202, 196) }
```

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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