

Converting Colors

XYZ(48.4331, 55.5541, 60.9139)

Have a look what the booklet for
XYZ(48.4331, 55.5541, 60.9139)
contains.

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Color

**XYZ(48.4472, 55.5137,
60.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCBC5
RGB	172, 203, 197
RGB Percent	67%, 80%, 77%
CMY	0.3255, 0.2039, 0.2274
CMYK	0.15, 0.00, 0.03, 0.20
HSL	168°, 23%, 74%
HSV	168°, 15%, 80%
XYZ	48.4472, 55.5137, 60.9851
YIQ	193.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

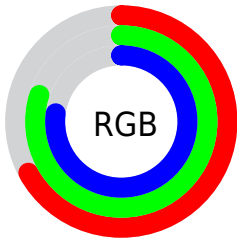
Format	Color
RYB	172, 189, 203
Decimal	11324357
CIELab	79.34, -11.53, -0.49
CIELCh	79, 11.537, 182.425
Yxy	55.5137, 0.2937, 0.3366
Android (android.graphics.Color)	4289514437 (0xFFACCBC5)
YUV	193.0470, 1.9488, -18.4582
Hunter-Lab	74.5075, -14.3217, 3.6258

Details

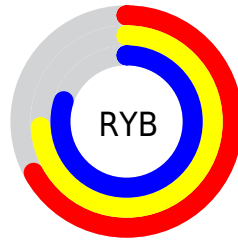
The XYZ color **48.4472, 55.5137, 60.9851** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4189, 45.4173, 48.3890**, and the grayscale version is **50.7133, 53.3543, 58.1029**.

A 20% lighter version of the original color is **85.6443, 95.1697, 107.6216**, and **23.3131, 27.4000, 30.0466** is the 20% darker color. If you saturate the color by 10%, you get **43.8835, 53.2139, 58.4519**, and if you desaturate by 10%, it is **53.7064, 58.1737, 63.6145**.

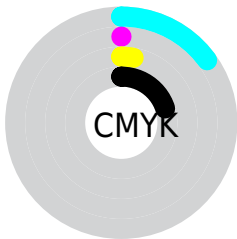
Distribution



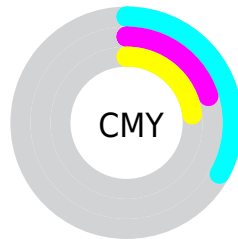
- Red (67%)
- Green (80%)
- Blue (77%)



- Red (67%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4472, 55.5137, 60.9851 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 48.4472, 55.5137, 60.9851 by changing the saturation by 10% instead.

■ 48.4472, 55.5137,
60.9851

■ 48.4472, 55.5137,
60.9851

371.1151,
407.8562, 446.1244

■ 34.3939, 39.8132,
43.7827

■ 87.0755, 98.2932,
107.8147

■ 23.3607, 27.3929,
30.1637

112.3813,
126.1409, 138.2789

■ 14.9822, 17.8685,
19.7098

142.1685,
158.8065, 174.0008

■ 8.8931, 10.8556,
12.0023

176.8027,
196.6744, 215.3989

■ 4.7281, 5.9698,
6.6227

216.6491,
240.1289, 262.8918

■ 2.1217, 2.8267,
3.1524

262.0730,

■ 0.7010, 1.0420,

289.5545, 316.8980

1.1730

313.4399,
345.3354, 377.8360

■ 0.0000, 0.0000,
0.0000

■ 48.4472, 55.5137,
60.9851

■ 48.4472, 55.5137,
60.9851

■ 43.8835, 53.2139,
58.4519

■ 53.7064, 58.1737,
63.6145

■ 39.9798, 51.2515,
56.0093

■ 59.6852, 61.2018,
66.3381

■ 36.7042, 49.6115,
53.6565

■ 66.4126, 64.6144,
69.1590

■ 34.0208, 48.2755,
51.3913

■ 73.9143, 68.4248,
72.0788

■ 31.8895, 47.2229,
49.2114

■ 75.0764, 68.9657,
74.7651

■ 30.2655, 46.4304,
47.1142

■ 75.5929, 69.1723,
77.4846

■ 29.0967, 45.8713,
45.0968

■ 76.1216, 69.3837,
80.2687

■ 28.3194, 45.5127,
43.1557

■ 76.6626, 69.6001,
83.1178

■ 28.0305, 45.3833,
42.2616

■ 77.2161, 69.8215,
86.0322

Harmonies

Analogous

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



48.9219, 55.5137, 54.7424



48.4472, 55.5137, 60.9851



49.1009, 55.5137, 67.5298

Triad

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



48.4472, 55.5137, 60.9851



55.1832, 55.5137, 71.8378



54.8483, 55.5137, 49.8502

Complementary

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



48.4472, 55.5137, 60.9851



47.4189, 45.4173, 48.3890

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.



56.6051, 55.5137, 53.8739



48.4472, 55.5137, 60.9851



56.8024, 55.5137, 66.5305

Square

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



48.4472, 55.5137, 60.9851



52.9524, 55.5137, 74.0743



57.3301, 55.5137, 59.9081



52.5763, 55.5137, 48.5993

Rectangle

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



48.4472, 55.5137, 60.9851



50.1001, 55.5137, 71.1043



57.3301, 55.5137, 59.9081



55.5209, 55.5137, 50.9081

Sweetspot

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



48.4488, 55.5160, 60.9863



90.1189, 97.5035, 106.6078



47.2100, 55.1814, 47.1934



19.1462, 20.7974, 22.7502



0.0000, 0.0000, 0.0000



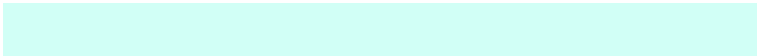
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4488, 55.5160, 60.9863



78.7347, 91.7506, 100.8394



47.0195, 51.5346, 63.9715



11.4465, 12.6884, 13.9088



17.8700, 28.8933, 27.0642



0.9464, 1.5004, 1.5253

Inverse Universe

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



47.4189, 45.4173, 48.3890



76.7182, 71.9713, 76.1693



48.6618, 48.8466, 45.8942



11.2996, 11.2486, 12.1124



15.9355, 8.1848, 2.1131



0.8492, 0.4331, 0.2515

Previews

White Background



This preview shows how the XYZ color 48.4472, 55.5137, 60.9851 looks on a white background.

Color Contrast Check

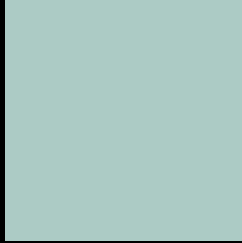
Large Text (above 18pt) WCAG AA × Fail

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 48.4472, 55.5137, 60.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

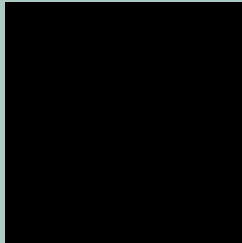
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

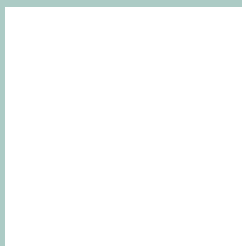
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4472, 55.5137, 60.9851

Background



This preview shows how black text looks on a background with the XYZ color 48.4472, 55.5137, 60.9851.



This preview shows how white text looks on a background with the XYZ color 48.4472, 55.5137,

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

48.4472, 55.5137, 60.9851

Protanopia

52.9602, 55.1598, 58.3077

Deuteranopia

56.2794, 55.1432, 62.3210



Tritanopia

50.7281, 55.3804, 72.9816

Trichromacy



Original Color

48.4472, 55.5137, 60.9851

Protanomaly

51.1669, 55.2304, 59.0027

Deuteranomaly

53.1126, 55.1595, 61.8803

Tritanomaly

49.8508, 55.3754, 68.3827

Monochromacy



Original Color

48.4472, 55.5137, 60.9851

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.7114, 54.1418, 58.8693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4472, 55.5137, 60.9851 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(172, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 197)  
}
```

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(172, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.4472, 55.5137, 60.9851 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(172, 203, 197) }
```


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

```
.border{ border-color:rgb(172, 203, 197) }
```

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

Here you see how a box with a 4 pixel rgb(172, 203, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4472, 55.5137, 60.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 197) }
```

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

```
.background{ background-color: rgb(172,  
203, 197) }
```

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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