

Converting Colors

XYZ(48.0578, 56.0187, 61.1031)

Have a look what the booklet for
XYZ(48.0578, 56.0187, 61.1031)
contains.

XYZ(48.0578, 56.0187, 61.1031)	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(48.0578, 56.0187,
61.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CDC5
RGB	168, 205, 197
RGB Percent	66%, 80%, 77%
CMY	0.3412, 0.1961, 0.2274
CMYK	0.18, 0.00, 0.04, 0.20
HSL	167°, 27%, 73%
HSV	167°, 18%, 80%
XYZ	48.0578, 56.0187, 61.1031
YIQ	193.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

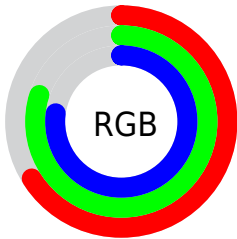
Format	Color
R _{YB}	168, 189, 205
Decimal	11062725
CIE _{Lab}	79.62, -13.84, -0.10
CIE _{LCh}	80, 13.843, 180.403
Y _{xy}	56.0187, 0.2909, 0.3391
Android (android.graphics.Color)	4289252805 (0xFFA8CDC5)
Y _{UV}	193.0250, 1.9597, -21.9469
Hunter-Lab	74.8456, -16.3664, 3.9883

Details

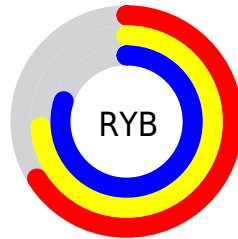
The XYZ color **48.0578, 56.0187, 61.1031** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0179, 44.1204, 47.1147**, and the grayscale version is **50.7016, 53.3420, 58.0895**.

A 20% lighter version of the original color is **84.3899, 94.5231, 107.5629**, and **23.0948, 27.7612, 30.1278** is the 20% darker color. If you saturate the color by 10%, you get **43.5326, 53.7452, 58.2790**, and if you desaturate by 10%, it is **53.2892, 58.6575, 64.0406**.

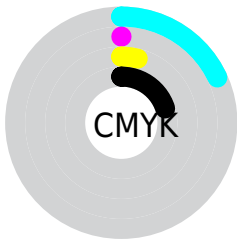
Distribution



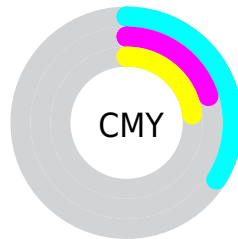
- Red (66%)
- Green (80%)
- Blue (77%)



- Red (66%)
- Yellow (74%)
- Blue (80%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (34%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0578, 56.0187, 61.1031 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 48.0578, 56.0187, 61.1031 by changing the saturation by 10% instead.

■ 48.0578, 56.0187,
61.1031

■ 48.0578, 56.0187,
61.1031

369.6000,
409.7620, 446.5689

■ 34.0841, 40.2179,
43.8773

■ 86.4996, 99.0319,
107.9872

■ 23.1214, 27.7085,
30.2376

■ 111.6985,
127.0131, 138.4825

■ 14.8044, 18.1060,
19.7654

141.3697,
159.8233, 174.2381

■ 8.7676, 11.0261,
12.0422

175.8788,
197.8468, 215.6725

■ 4.6458, 6.0844,
6.6496

215.5910,
241.4680, 263.2043

■ 2.0736, 2.8965,
3.1688

260.8717,

■ 0.6748, 1.0779,

291.0714, 317.2519

1.1815

312.0862,
347.0412, 378.2339

■ 0.0000, 0.0000,
0.0000

■ 48.0578, 56.0187,
61.1031

■ 48.0578, 56.0187,
61.1031

■ 43.5326, 53.7452,
58.2790

■ 53.2892, 58.6575,
64.0406

■ 39.6764, 51.8134,
55.5625

■ 59.2523, 61.6703,
67.0898

■ 36.4562, 50.2078,
52.9524

■ 65.9769, 65.0739,
70.2539

■ 33.8338, 48.9086,
50.4463

■ 73.4899, 68.8821,
73.5350

■ 31.7670, 47.8942,
48.0415

■ 75.8810, 70.0482,
76.6568

■ 30.2080, 47.1400,
45.7351

■ 76.4733, 70.2851,
79.7757

■ 29.1007, 46.6170,
43.5237

■ 77.0812, 70.5283,
82.9772

■ 28.3624, 46.2825,
41.4029

■ 77.7050, 70.7778,
86.2618

■ 28.2360, 46.2262,
40.9985

■ 78.3446, 71.0336,
89.6301

Harmonies

Analogous

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



48.7144, 56.0187, 53.7172



48.0578, 56.0187, 61.1031



48.7500, 56.0187, 69.1053

Triad

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



48.0578, 56.0187, 61.1031



56.0054, 56.0187, 75.2285



55.9378, 56.0187, 48.5873

Complementary

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



48.0578, 56.0187, 61.1031



47.0179, 44.1204, 47.1147

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.



58.0063, 56.0187, 53.5452



48.0578, 56.0187, 61.1031



58.0463, 56.0187, 68.9018

Square

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



48.0578, 56.0187, 61.1031



53.2819, 56.0187, 77.6842



58.7907, 56.0187, 60.8867



53.2063, 56.0187, 46.8853

Rectangle

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



48.0578, 56.0187, 61.1031



49.8975, 56.0187, 73.6158



58.7907, 56.0187, 60.8867



56.7371, 56.0187, 49.9057

Sweetspot

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



48.0594, 56.0210, 61.1044



90.0730, 97.4852, 106.3662



46.8092, 55.7243, 45.3354



19.1350, 20.7929, 22.6913



0.0000, 0.0000, 0.0000



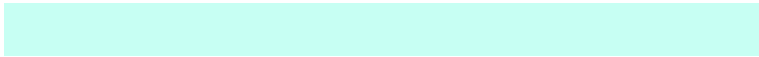
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0594, 56.0210, 61.1044



75.4442, 90.1115, 98.1055



46.5766, 51.5486, 65.2554



11.4353, 12.6839, 13.8499



17.6135, 28.7907, 25.7134



0.9352, 1.4959, 1.4662

Inverse Universe

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



47.0179, 44.1204, 47.1147



73.4025, 66.7657, 70.6682



48.2633, 47.8414, 43.7372



11.3100, 11.2527, 12.1670



15.9896, 8.2064, 2.3982



0.8539, 0.4350, 0.2765

Previews

White Background



This preview shows how the XYZ color 48.0578, 56.0187, 61.1031 looks on a white background.

Color Contrast Check

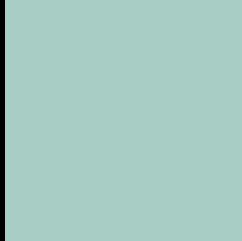
Large Text (above 18pt) WCAG AA × Fail

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 48.0578, 56.0187, 61.1031 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 48.0578, 56.0187, 61.1031

Background



This preview shows how black text looks on a background with the XYZ color 48.0578, 56.0187, 61.1031.



This preview shows how white text looks on a background with the XYZ color 48.0578, 56.0187,

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

48.0578, 56.0187, 61.1031

Protanopia

53.3417, 55.7031, 57.8095

Deuteranopia

56.7877, 55.7279, 62.4071



Tritanopia

50.7887, 56.0737, 74.4761

Trichromacy



Original Color

48.0578, 56.0187, 61.1031

Protanomaly

51.1473, 55.5607, 59.0675

Deuteranomaly

53.0747, 55.4737, 61.9430

Tritanomaly

49.7834, 56.0229, 69.1624

Monochromacy



Original Color

48.0578, 56.0187, 61.1031

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.4710, 54.0179, 58.8580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0578, 56.0187, 61.1031 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(168, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 205, 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(168, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 205, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.0578, 56.0187, 61.1031 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(168, 205, 197) }
```


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

```
.border{ border-color:rgb(168, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 205, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 205, 197); box-shadow:4px 4px 4px 4px rgb(168, 205, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0578, 56.0187, 61.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 205, 197) }
```

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

```
.background{ background-color: rgb(168,  
205, 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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