

Converting Colors

XYZ(50.6336, 63.7823, 77.3527)

Have a look what the booklet for
XYZ(50.6336, 63.7823, 77.3527)
contains.

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Color

**XYZ(50.6336, 63.7823,
77.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	8FDFDC
RGB	143, 223, 220
RGB Percent	56%, 87%, 86%
CMY	0.4392, 0.1255, 0.1372
CMYK	0.36, 0.00, 0.01, 0.13
HSL	178°, 56%, 72%
HSV	178°, 36%, 87%
XYZ	50.6336, 63.7823, 77.3527
YIQ	198.7380, -46.7170, -17.8930

Conversions

Conversions Part 2

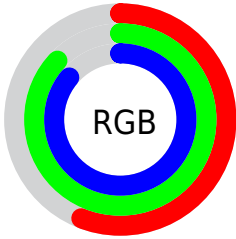
Format	Color
RYB	143, 184, 223
Decimal	9428956
CIELab	83.85, -25.07, -6.30
CIElCh	84, 25.852, 194.101
Yxy	63.7823, 0.2640, 0.3326
Android (android.graphics.Color)	4287619036 (0xFF8FDFDC)
YUV	198.7380, 10.4822, -48.8822
Hunter-Lab	79.8638, -26.5928, -1.5211

Details

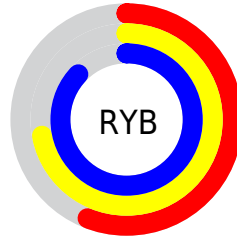
The XYZ color **50.6336, 63.7823, 77.3527** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.4443, 37.4100, 32.0221**, and the grayscale version is **54.0859, 56.9026, 61.9670**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **24.8187, 32.7966, 40.6196** is the 20% darker color. If you saturate the color by 10%, you get **47.0402, 61.9442, 76.6087**, and if you desaturate by 10%, it is **54.9987, 66.0213, 78.1385**.

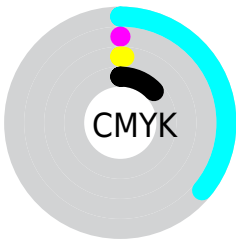
Distribution



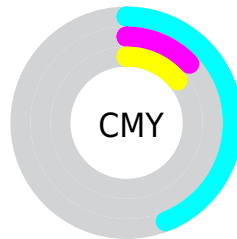
- Red (56%)
- Green (87%)
- Blue (86%)



- Red (56%)
- Yellow (72%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (44%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6336, 63.7823, 77.3527 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 50.6336, 63.7823, 77.3527 by changing the saturation by 10% instead.


 50.6336, 63.7823,
77.3527


 50.6336, 63.7823,
77.3527


379.5497,
438.4031, 505.4353

 36.1370, 46.4744,
57.0291


 90.2992, 110.2974,
131.4148

 24.7106, 32.6203,
40.6191


 116.1988,
140.2733, 165.9904

 15.9891, 21.8357,
27.7041

146.6301,
175.2406, 206.1537

 9.6073, 13.7363,
17.8656

181.9585,
215.5838, 252.3233

 5.1996, 7.9375,
10.6851

222.5493,
261.6873, 304.9177

 2.4008, 4.0550,
5.7440

268.7679,

 0.8455, 1.7044,

313.9354, 364.3555

2.6238

320.9795,
372.7125, 431.0552

■ 0.0000, 0.4265,
0.9047

■ 0.0000, 0.0000,
0.0000

■ 50.6336, 63.7823,
77.3527

■ 50.6336, 63.7823,
77.3527

■ 47.0402, 61.9442,
76.6087

■ 54.9987, 66.0213,
78.1385

■ 44.1671, 60.4758,
75.8998

■ 60.1717, 68.6752,
78.9637

■ 41.9657, 59.3535,
75.2253

■ 66.1935, 71.7666,
79.8314

■ 40.3788, 58.5481,
74.5825

■ 73.1004, 75.3142,
80.7435

■ 39.3400, 58.0251,
73.9682

■ 80.9268, 79.3357,
81.7016

■ 38.7671, 57.7422,
73.3785

■ 81.2225, 79.4750,
82.3101

■ 38.6076, 57.6651,
73.1397

■ 81.3371, 79.5208,
82.9131

■ 81.4521, 79.5669,
83.5191

■ 81.5677, 79.6131,
84.1279

Harmonies

Analogous

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



50.7123, 63.7823, 61.2256



50.6336, 63.7823, 77.3527



53.1121, 63.7823, 93.5751

Triad

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



50.6336, 63.7823, 77.3527



68.5477, 63.7823, 94.4241



63.6651, 63.7823, 43.4956

Complementary

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



50.6336, 63.7823, 77.3527



45.4443, 37.4100, 32.0221

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.



68.8110, 63.7823, 49.8716



50.6336, 63.7823, 77.3527



71.7479, 63.7823, 78.3756

Square

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



50.6336, 63.7823, 77.3527



63.3238, 63.7823, 104.4243



71.8471, 63.7823, 62.1012



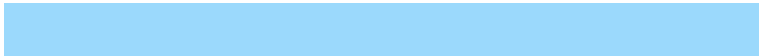
58.0004, 63.7823, 43.3099

Rectangle

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



50.6336, 63.7823, 77.3527



55.9759, 63.7823, 101.5643



71.8471, 63.7823, 62.1012



65.5208, 63.7823, 44.9352

Sweetspot

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



50.6355, 63.7848, 77.3542



85.3037, 94.9951, 107.5616



43.3801, 60.9641, 35.4687



18.0230, 20.2120, 22.9884



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.



50.6355, 63.7848, 77.3542



64.8932, 84.5294, 104.0671



42.4192, 46.7100, 76.5951



14.0932, 15.5630, 17.5259



22.7095, 33.9087, 43.0550



1.5811, 2.3532, 3.0214

Inverse Universe

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



45.4443, 37.4100, 32.0221



56.8810, 43.8027, 34.0857



51.5116, 49.9135, 32.9071



13.7280, 13.7088, 14.3377



17.9294, 9.2388, 1.0279



1.2502, 0.6434, 0.1105

Previews

White Background



This preview shows how the XYZ color 50.6336, 63.7823, 77.3527 looks on a white background.

Color Contrast Check

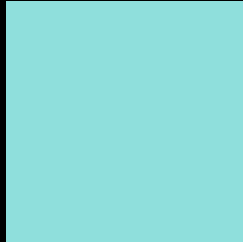
Large Text (above 18pt) WCAG AA × Fail

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 50.6336, 63.7823, 77.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

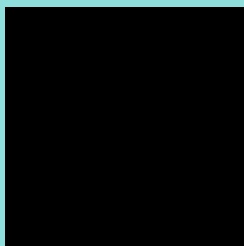
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

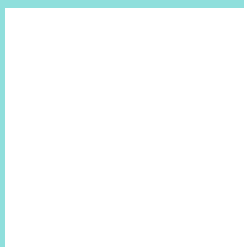
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6336, 63.7823, 77.3527

Background



This preview shows how black text looks on a background with the XYZ color 50.6336, 63.7823, 77.3527.



This preview shows how white text looks on a background with the XYZ color 50.6336, 63.7823,

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

50.6336, 63.7823, 77.3527

Protanopia

60.9347, 63.1777, 70.6109

Deuteranopia

64.3939, 62.9950, 79.2863



Tritanopia

53.2386, 63.6553, 90.3697

Trichromacy



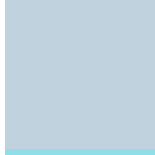
Original Color

50.6336, 63.7823, 77.3527



Protanomaly

56.1815, 62.8826, 72.7948



Deuteranomaly

58.3582, 62.7584, 78.8498



Tritanomaly

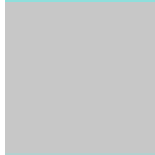
52.1343, 63.5934, 85.1283

Monochromacy



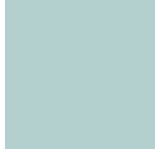
Original Color

50.6336, 63.7823, 77.3527



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.4088, 59.2005, 67.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6336, 63.7823, 77.3527 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(143, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(143, 223, 220)  
}
```

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(143, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 50.6336, 63.7823, 77.3527 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(143, 223, 220) }
```


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

```
.border{ border-color:rgb(143, 223, 220) }
```

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

Here you see how a box with a 4 pixel rgb(143, 223, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(143, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6336, 63.7823, 77.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 223, 220) }
```

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

```
.background{ background-color: rgb(143,  
223, 220) }
```

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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