

Converting Colors

XYZ(53.0661, 64.0901, 84.1632)

Have a look what the booklet for
XYZ(53.0661, 64.0901, 84.1632)
contains.

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Color

**XYZ(53.0883, 64.1015,
84.4377)**

Conversions

Conversions Part 1

Format	Color
Hex	98DDE6
RGB	152, 221, 230
RGB Percent	60%, 87%, 90%
CMY	0.4039, 0.1333, 0.0980
CMYK	0.34, 0.04, 0.00, 0.10
HSL	187°, 61%, 75%
HSV	187°, 34%, 90%
XYZ	53.0883, 64.1015, 84.4377
YIQ	201.3950, -44.0130, -11.8290

Conversions

Conversions Part 2

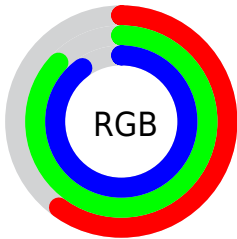
Format	Color
RYB	152, 189, 230
Decimal	10018278
CIELab	84.02, -19.34, -11.30
CIElCh	84, 22.402, 210.298
Yxy	64.1015, 0.2633, 0.3179
Android (android.graphics.Color)	4288208358 (0xFF98DDE6)
YUV	201.3950, 14.1023, -43.3194
Hunter-Lab	80.0634, -21.7515, -6.4849

Details

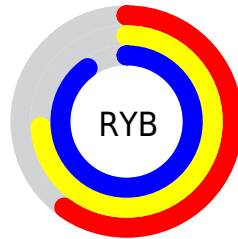
The XYZ color **53.0883, 64.1015, 84.4377** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0464, 44.5804, 35.6217**, and the grayscale version is **55.6988, 58.5994, 63.8148**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **26.3038, 32.9090, 45.5231** is the 20% darker color. If you saturate the color by 10%, you get **48.4994, 60.7056, 84.0252**, and if you desaturate by 10%, it is **58.5268, 67.9549, 84.8959**.

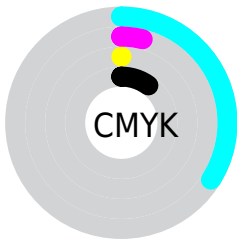
Distribution



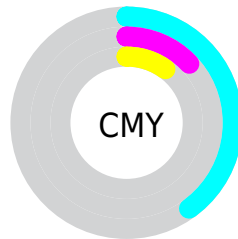
- Red (60%)
- Green (87%)
- Blue (90%)



- Red (60%)
- Yellow (74%)
- Blue (90%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0883, 64.1015, 84.4377 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 53.0883, 64.1015, 84.4377 by changing the saturation by 10% instead.

■ 53.0883, 64.1015,
84.4377

■ 53.0883, 64.1015,
84.4377

388.8791,
439.5561, 529.8616

■ 38.1010, 46.7329,
62.8294

■ 93.8991, 110.7571,
141.4545

■ 26.2387, 32.8245,
45.2631

■ 120.4532,
140.8129, 177.7000

■ 17.1359, 21.9921,
31.3203

151.5938,
175.8665, 219.6617

■ 10.4273, 13.8511,
20.5823

187.6860,
216.3024, 267.7581

■ 5.7476, 8.0172,
12.6308

229.0953,
262.5049, 322.4078

■ 2.7314, 4.1059,
7.0471

276.1870,

■ 1.0134, 1.7330,

314.8584, 384.0292

3.4127

329.3265,
373.7473, 453.0410

■ 0.0000, 0.4449,
1.3090

■ 0.0000, 0.0000,
0.0692

■ 53.0883, 64.1015,
84.4377

■ 53.0883, 64.1015,
84.4377

■ 48.4994, 60.7056,
84.0252

■ 58.5268, 67.9549,
84.8959

■ 44.7059, 57.7346,
83.6517

■ 64.8537, 72.2812,
85.3975

■ 41.6561, 55.1633,
83.3161

■ 72.1124, 77.1045,
85.9459

■ 39.2901, 52.9607,
83.0156

■ 80.3417, 82.4448,
86.5430

■ 37.5383, 51.0908,
82.7470

■ 85.0229, 85.9727,
86.9772

■ 36.3159, 49.5099,
82.5063

■ 85.7851, 87.4971,
87.2313

■ 35.7502, 48.6473,
82.3697

■ 86.5586, 89.0443,
87.4891

■ 87.3436, 90.6142,
87.7508

■ 88.1401, 92.2071,
88.0163

Harmonies

Analogous

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



51.9137, 64.1015, 69.9371



53.0883, 64.1015, 84.4377



56.3405, 64.1015, 96.1897

Triad

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



53.0883, 64.1015, 84.4377



69.5546, 64.1015, 84.1599



60.8772, 64.1015, 45.9752

Complementary

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



53.0883, 64.1015, 84.4377



51.0464, 44.5804, 35.6217

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.



65.7549, 64.1015, 48.7340



53.0883, 64.1015, 84.4377



70.9265, 64.1015, 69.6543

Square

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



53.0883, 64.1015, 84.4377



65.8450, 64.1015, 96.0146



69.5007, 64.1015, 56.9524



56.2594, 64.1015, 48.8453

Rectangle

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



53.0883, 64.1015, 84.4377



59.3399, 64.1015, 100.1880



69.5007, 64.1015, 56.9524



62.5413, 64.1015, 46.2700

Sweetspot

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



53.0902, 64.1040, 84.4392



85.3516, 93.6179, 108.1793



47.5748, 65.8014, 43.3611



17.9980, 19.8573, 23.1342



0.0000, 0.0000, 0.0000



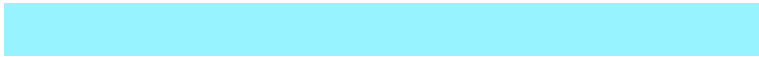
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0902, 64.1040, 84.4392



62.7432, 77.8119, 106.3200



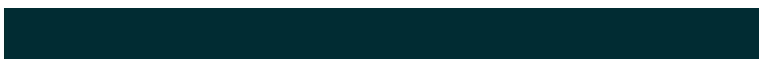
44.2080, 46.3397, 81.4785



14.6581, 16.0375, 18.4673



20.2976, 27.6572, 46.6518



1.5404, 2.1247, 3.4609

Inverse Universe

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



56.9141, 44.5015, 73.9994



68.3868, 49.6840, 90.7318



58.6794, 59.8463, 38.1660



14.9197, 14.5851, 17.7778



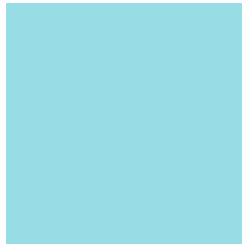
24.6388, 11.9897, 33.3224



1.8411, 0.8942, 2.5700

Previews

White Background



This preview shows how the XYZ color 53.0883, 64.1015, 84.4377 looks on a white background.

Color Contrast Check

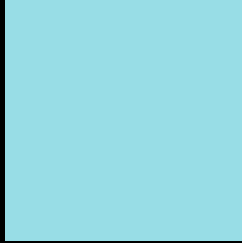
Large Text (above 18pt) WCAG AA × Fail

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 53.0883, 64.1015, 84.4377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

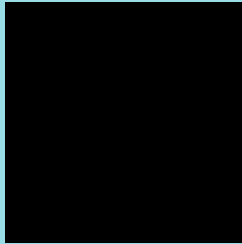
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0883, 64.1015, 84.4377

Background



This preview shows how black text looks on a background with the XYZ color 53.0883, 64.1015, 84.4377.

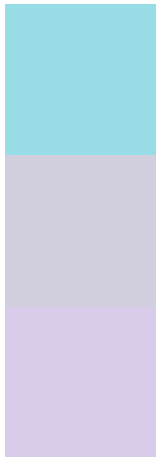


This preview shows how white text looks on a background with the XYZ color 53.0883, 64.1015,

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

53.0883, 64.1015, 84.4377

Protanopia

61.7921, 63.4549, 78.0985

Deuteranopia

64.8225, 63.4041, 86.6636



Tritanopia

54.2057, 64.1708, 89.6500

Trichromacy



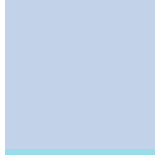
Original Color

53.0883, 64.1015, 84.4377



Protanomaly

57.8731, 63.2146, 80.3856



Deuteranomaly

59.7469, 63.3138, 86.1626



Tritanomaly

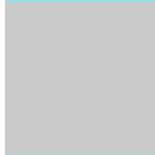
53.5814, 63.8992, 87.3516

Monochromacy



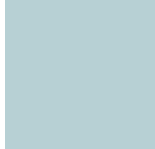
Original Color

53.0883, 64.1015, 84.4377



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.9680, 59.9325, 71.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0883, 64.1015, 84.4377 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(152, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 221, 230)  
}
```

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(152, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 221, 230) }
```

Border

The CSS property to change the border of an element to XYZ 53.0883, 64.1015, 84.4377 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(152, 221, 230) }
```


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

```
.border{ border-color:rgb(152, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 221,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0883, 64.1015, 84.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 221, 230) }
```

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

```
.background{ background-color: rgb(152,  
221, 230) }
```

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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