

Converting Colors

XYZ(53.3219, 64.3648, 80.4193)

Have a look what the booklet for
XYZ(53.3219, 64.3648, 80.4193)
contains.

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Color

**XYZ(53.2156, 64.2628,
80.1202)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDDE0
RGB	157, 221, 224
RGB Percent	62%, 87%, 88%
CMY	0.3843, 0.1333, 0.1216
CMYK	0.30, 0.01, 0.00, 0.12
HSL	183°, 52%, 75%
HSV	183°, 30%, 88%
XYZ	53.2156, 64.2628, 80.1202
YIQ	202.2060, -39.1070, -12.6350

Conversions

Conversions Part 2

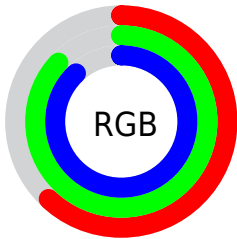
Format	Color
R _{YB}	157, 190, 224
Decimal	10345952
CIE _{Lab}	84.10, -19.38, -7.97
CIE _{LCh}	84, 20.951, 202.362
Yxy	64.2628, 0.2693, 0.3252
Android (android.graphics.Color)	4288536032 (0xFF9DDDE0)
YUV	202.2060, 10.7444, -39.6457
Hunter-Lab	80.1641, -21.7929, -3.1427

Details

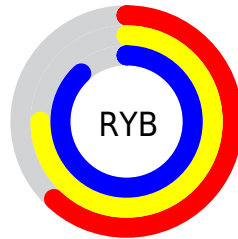
The XYZ color **53.2156, 64.2628, 80.1202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.3979, 43.4237, 37.6777**, and the grayscale version is **56.2216, 59.1495, 64.4138**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **26.3912, 33.0206, 42.5188** is the 20% darker color. If you saturate the color by 10%, you get **48.9763, 61.6873, 79.8476**, and if you desaturate by 10%, it is **58.2614, 67.2596, 80.4338**.

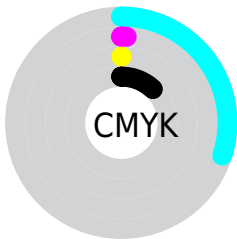
Distribution



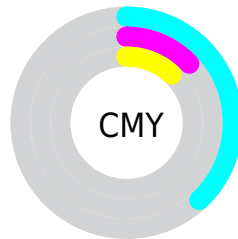
- Red (62%)
- Green (87%)
- Blue (88%)



- Red (62%)
- Yellow (75%)
- Blue (88%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)





- Cyan (38%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2156, 64.2628, 80.1202 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 53.2156, 64.2628, 80.1202 by changing the saturation by 10% instead.


 53.2156, 64.2628,
80.1202


 53.2156, 64.2628,
80.1202


389.3591,
440.1380, 515.0553

 38.2031, 46.8636,
59.2905


 94.0852, 110.9893,
135.3476

 26.3183, 32.9278,
42.4255


 120.6730,
141.0854, 170.5825

 17.1958, 22.0711,
29.1065


151.8499,
176.1825, 211.4561

 10.4704, 13.9092,
18.9152

187.9814,
216.6651, 258.3871

 5.7766, 8.0575,
11.4328

229.4326,
262.9176, 311.7940

 2.7491, 4.1318,
6.2409

276.5691,

 1.0225, 1.7476,

315.3243, 372.0953

2.9210

329.7561,
374.2697, 439.7095

■ 0.0000, 0.4542,
1.0544

■ 0.0000, 0.0000,
0.0000

■ 53.2156, 64.2628,
80.1202

■ 53.2156, 64.2628,
80.1202

■ 48.9763, 61.6873,
79.8476

■ 58.2614, 67.2596,
80.4338

■ 45.4941, 59.5029,
79.6095

■ 64.1486, 70.6909,
80.7858

■ 42.7228, 57.6873,
79.4051

■ 70.9168, 74.5787,
81.1795

■ 40.6089, 56.2129,
79.2319

■ 78.6015, 78.9413,
81.6165

■ 39.0912, 55.0482,
79.0871

■ 81.8951, 81.0427,
81.8485

■ 38.0973, 54.1558,
78.9673

■ 82.1685, 81.5893,
81.9396

■ 37.5011, 53.4708,
78.8665

■ 82.4434, 82.1392,
82.0313

■ 37.4963, 53.4650,
78.8656

■ 82.7199, 82.6923,
82.1235

■ 82.9981, 83.2485,
82.2162

Harmonies

Analogous

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



52.6791, 64.2628, 66.6387



53.2156, 64.2628, 80.1202



55.8060, 64.2628, 92.1511

Triad

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



53.2156, 64.2628, 80.1202



68.3998, 64.2628, 86.7140



62.2701, 64.2628, 47.6328

Complementary

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



53.2156, 64.2628, 80.1202



49.3979, 43.4237, 37.6777

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.



66.6759, 64.2628, 51.6707



53.2156, 64.2628, 80.1202



70.3294, 64.2628, 73.4132

Square

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



53.2156, 64.2628, 80.1202



64.5278, 64.2628, 96.2807



69.6831, 64.2628, 60.7177



57.7570, 64.2628, 48.9527

Rectangle

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



53.2156, 64.2628, 80.1202



58.4234, 64.2628, 97.1719



69.6831, 64.2628, 60.7177



63.8157, 64.2628, 48.3888

Sweetspot

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



53.2175, 64.2654, 80.1217



86.7783, 95.2508, 108.4193



46.8398, 62.9919, 42.5984



18.3077, 20.2335, 23.1905



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.



53.2175, 64.2654, 80.1217



67.6590, 83.9552, 107.2467



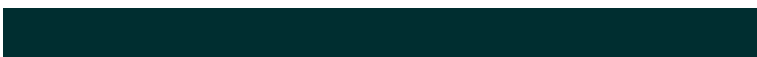
45.4007, 48.6318, 77.5161



14.0613, 15.4617, 17.6310



21.8486, 31.1668, 45.9126



1.5309, 2.1933, 3.1879

Inverse Universe

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



55.8501, 45.1832, 74.1871



71.7685, 54.4838, 97.9122



55.8385, 56.3050, 39.8246



14.2671, 13.9245, 17.1770



24.9684, 12.0544, 38.0948



1.7390, 0.8389, 2.6843

Previews

White Background



This preview shows how the XYZ color 53.2156, 64.2628, 80.1202 looks on a white background.

Color Contrast Check

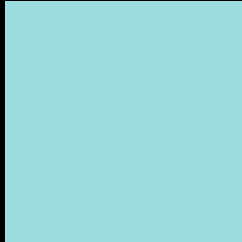
Large Text (above 18pt) WCAG AA × Fail

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 53.2156, 64.2628, 80.1202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

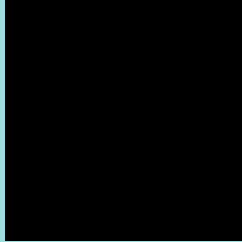
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2156, 64.2628, 80.1202

Background



This preview shows how black text looks on a background with the XYZ color 53.2156, 64.2628, 80.1202.

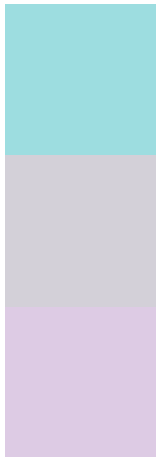


This preview shows how white text looks on a background with the XYZ color 53.2156, 64.2628,

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

53.2156, 64.2628, 80.1202

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

65.1783, 63.6855, 82.2560



Tritanopia

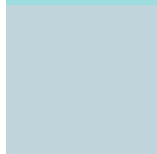
55.1148, 64.2510, 89.6176

Trichromacy



Original Color

53.2156, 64.2628, 80.1202



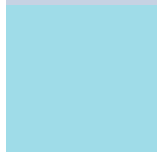
Protanomaly

58.0663, 63.7793, 76.2681



Deuteranomaly

60.2004, 63.6450, 81.7849



Tritanomaly

54.4568, 64.3835, 85.9010

Monochromacy



Original Color

53.2156, 64.2628, 80.1202



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.6830, 60.6932, 69.8056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2156, 64.2628, 80.1202 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(157, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(157, 221, 224)  
}
```

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(157, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 221, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.2156, 64.2628, 80.1202 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(157, 221, 224) }
```


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

```
.border{ border-color:rgb(157, 221, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(157, 221,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2156, 64.2628, 80.1202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 221, 224) }
```

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

```
.background{ background-color: rgb(157,  
221, 224) }
```

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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