

Converting Colors

XYZ(53.2784, 62.4417, 76.2622)

Have a look what the booklet for
XYZ(53.2784, 62.4417, 76.2622)
contains.

XYZ(53.2784, 62.4417, 76.2622)	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(53.2784, 62.4417,
76.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D8DB
RGB	167, 216, 219
RGB Percent	65%, 85%, 86%
CMY	0.3451, 0.1529, 0.1412
CMYK	0.24, 0.01, 0.00, 0.14
HSL	183°, 42%, 76%
HSV	183°, 24%, 86%
XYZ	53.2784, 62.4417, 76.2622
YIQ	201.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

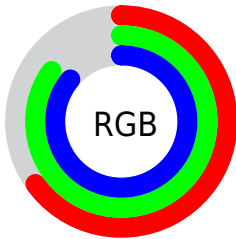
Format	Color
R_{YB}	167, 192, 219
Decimal	11000027
CIE _{Lab}	83.15, -15.10, -6.67
CIE _{LCh}	83, 16.506, 203.837
Yxy	62.4417, 0.2775, 0.3252
Android (android.graphics.Color)	4289190107 (0xFFA7D8DB)
YUV	201.6910, 8.5333, -30.4240
Hunter-Lab	79.0201, -17.9335, -1.9067

Details

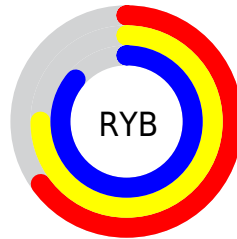
The XYZ color **53.2784, 62.4417, 76.2622** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5638, 46.5998, 42.8901**, and the grayscale version is **55.9100, 58.8217, 64.0568**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **26.3851, 31.7475, 39.8592** is the 20% darker color. If you saturate the color by 10%, you get **48.7163, 59.6132, 75.9577**, and if you desaturate by 10%, it is **58.6301, 65.6842, 76.6070**.

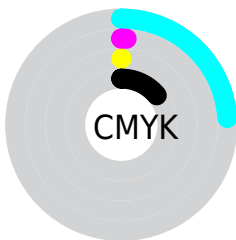
Distribution



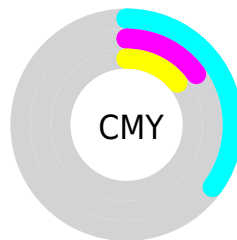
- Red (65%)
- Green (85%)
- Blue (86%)



- Red (65%)
- Yellow (75%)
- Blue (86%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)





- Cyan (35%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2784, 62.4417, 76.2622 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 53.2784, 62.4417, 76.2622 by changing the saturation by 10% instead.


 53.2784, 62.4417,
76.2622


 53.2784, 62.4417,
76.2622


389.5957,
433.5404, 501.6155

 38.2534, 45.3897,
56.1396


 94.1770, 108.3637,
129.8610

 26.3575, 31.7645,
39.9101

 120.7814,
138.0024, 164.1742

 17.2254, 21.1817,
27.1552


151.9763,
172.6055, 204.0547

 10.4916, 13.2569,
17.4564

188.1270,
212.5574, 249.9210

 5.7909, 7.6057,
10.3950

229.5990,
258.2424, 302.1917

 2.7578, 3.8437,
5.5526

276.7575,

 1.0270, 1.5865,

310.0450, 361.2854

2.5107

329.9680,
368.3496, 427.6204

■ 0.0000, 0.3485,
0.8458

■ 0.0000, 0.0000,
0.0000

■ 53.2784, 62.4417,
76.2622

■ 53.2784, 62.4417,
76.2622

■ 48.7163, 59.6132,
75.9577

■ 58.6301, 65.6842,
76.6070

■ 44.8988, 57.1706,
75.6875

■ 64.8027, 69.3519,
76.9896

■ 41.7849, 55.0944,
75.4508

■ 71.8322, 73.4651,
77.4131

■ 39.3274, 53.3603,
75.2456

■ 79.7511, 78.0405,
77.8788

■ 37.4733, 51.9408,
75.0694

■ 80.2316, 78.7851,
77.9972

■ 36.1610, 50.8044,
74.9192

■ 80.5688, 79.4594,
78.1096

■ 35.3164, 49.9126,
74.7916

■ 80.9085, 80.1388,
78.2228

■ 34.9489, 49.4395,
74.7196

■ 81.2507, 80.8232,
78.3369

■ 81.5954, 81.5127,
78.4518

Harmonies

Analogous

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



52.7711, 62.4417, 65.8958



53.2784, 62.4417, 76.2622



55.3829, 62.4417, 85.1602

Triad

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



53.2784, 62.4417, 76.2622



65.0757, 62.4417, 80.2846



60.0903, 62.4417, 50.2273

Complementary

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



53.2784, 62.4417, 76.2622



50.5638, 46.5998, 42.8901

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.



63.5000, 62.4417, 53.2955



53.2784, 62.4417, 76.2622



66.4519, 62.4417, 70.1248

Square

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



53.2784, 62.4417, 76.2622



62.1717, 62.4417, 87.6409



65.8640, 62.4417, 60.3358



56.6130, 62.4417, 51.5181

Rectangle

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



53.2784, 62.4417, 76.2622



57.4552, 62.4417, 88.7130



65.8640, 62.4417, 60.3358



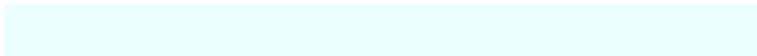
61.2839, 62.4417, 50.7724

Sweetspot

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



53.2802, 62.4442, 76.2636



88.4578, 96.1157, 108.4977



48.4869, 61.7668, 47.2000



18.8180, 20.5041, 23.2158



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.



53.2802, 62.4442, 76.2636



72.1826, 86.2832, 107.4576



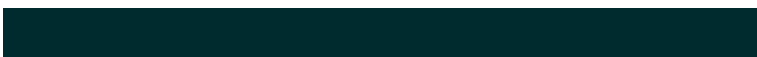
47.2239, 50.3317, 74.2449



13.3772, 14.6942, 16.7834



20.7509, 29.3712, 44.3139



1.3643, 1.9428, 2.8775

Inverse Universe

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



55.4283, 47.6568, 71.2459



75.6919, 62.3328, 99.2134



55.8394, 57.1509, 44.6487



13.5803, 13.2612, 16.3170



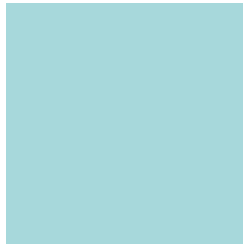
23.9694, 11.5888, 35.8145



1.5629, 0.7548, 2.3734

Previews

White Background



This preview shows how the XYZ color 53.2784, 62.4417, 76.2622 looks on a white background.

Color Contrast Check

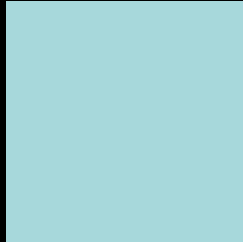
Large Text (above 18pt) WCAG AA × Fail

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 53.2784, 62.4417, 76.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

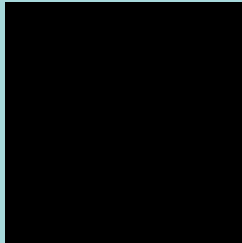
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2784, 62.4417, 76.2622

Background



This preview shows how black text looks on a background with the XYZ color 53.2784, 62.4417, 76.2622.



This preview shows how white text looks on a background with the XYZ color 53.2784, 62.4417,

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

53.2784, 62.4417, 76.2622

Protanopia

59.8540, 61.8766, 71.7395

Deuteranopia

63.2849, 62.1073, 77.7597



Tritanopia

55.0479, 62.4087, 84.7461

Trichromacy



Original Color

53.2784, 62.4417, 76.2622

Protanomaly

57.0585, 61.8447, 73.2199

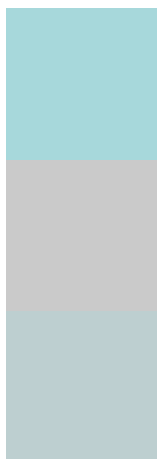
Deuteranomaly

58.9419, 61.6424, 77.1982

Tritanomaly

54.5278, 62.5819, 81.8787

Monochromacy



Original Color

53.2784, 62.4417, 76.2622

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.6843, 59.9985, 68.3732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2784, 62.4417, 76.2622 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(167, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 219)  
}
```

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(167, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.2784, 62.4417, 76.2622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

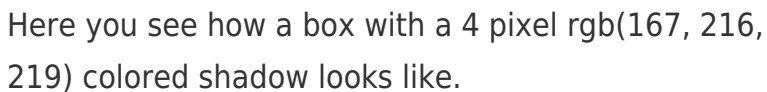
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 216, 219) }
```


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

```
.border{ border-color:rgb(167, 216, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 216, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 216, 219); box-shadow:4px 4px 4px 4px rgb(167, 216, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2784, 62.4417, 76.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 219) }
```

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

```
.background{ background-color: rgb(167,  
216, 219) }
```

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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