

Converting Colors

XYZ(50.3266, 62.2997, 66.4811)

Have a look what the booklet for
XYZ(50.3266, 62.2997, 66.4811)
contains.

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Color

**XYZ(50.3312, 62.2918,
66.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDBCC
RGB	158, 219, 204
RGB Percent	62%, 86%, 80%
CMY	0.3804, 0.1412, 0.2000
CMYK	0.28, 0.00, 0.07, 0.14
HSL	165°, 46%, 74%
HSV	165°, 28%, 86%
XYZ	50.3312, 62.2918, 66.4975
YIQ	199.0510, -31.5410, -17.5970

Conversions

Conversions Part 2

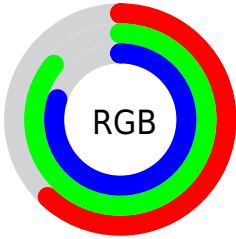
Format	Color
RYB	158, 193, 219
Decimal	10410956
CIELab	83.07, -22.50, 1.12
CIELCh	83, 22.530, 177.146
Yxy	62.2918, 0.2810, 0.3478
Android (android.graphics.Color)	4288601036 (0xFF9EDBCC)
YUV	199.0510, 2.4399, -36.0017
Hunter-Lab	78.9252, -24.2881, 5.2935

Details

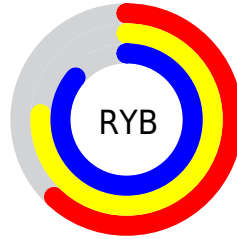
The XYZ color **50.3312, 62.2918, 66.4975** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9853, 42.5327, 45.1657**, and the grayscale version is **54.3181, 57.1469, 62.2330**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **24.6062, 31.7562, 33.6868** is the 20% darker color. If you saturate the color by 10%, you get **45.7668, 60.0137, 62.9706**, and if you desaturate by 10%, it is **55.6892, 64.9796, 70.1808**.

Distribution



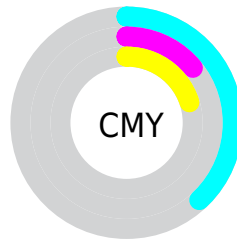
- Red (62%)
- Green (86%)
- Blue (80%)



- Red (62%)
- Yellow (76%)
- Blue (86%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)





- Cyan (38%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3312, 62.2918, 66.4975 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 50.3312, 62.2918, 66.4975 by changing the saturation by 10% instead.


 50.3312, 62.2918,
66.4975

 50.3312, 62.2918,
66.4975


378.3903,
432.9947, 466.6067

 35.8955, 45.2685,
48.2173


 89.8543, 108.1472,
115.8339

 24.5232, 31.6690,
33.6378


 115.6724,
137.7480, 147.7272

 15.8490, 21.1088,
22.3404


146.0154,
172.3102, 184.9953

 9.5076, 13.2035,
13.9065

181.2485,
212.2181, 228.0567

 5.1334, 7.5689,
7.9177

221.7372,
257.8561, 277.3301

 2.3613, 3.8203,
3.9553

267.8469,

 0.8258, 1.5736,

309.6086, 333.2338

1.6009

319.9428,
367.8600, 396.1865

■ 0.0000, 0.3397,
0.2914

■ 0.0000, 0.0000,
0.0000

■ 50.3312, 62.2918,
66.4975

■ 50.3312, 62.2918,
66.4975

■ 45.7668, 60.0137,
62.9706

■ 55.6892, 64.9796,
70.1808

■ 41.9496, 58.1167,
59.5929

■ 61.8733, 68.0891,
74.0192


■ 38.8366, 56.5802,
56.3625


■ 68.9209, 71.6411,
78.0170


■ 36.3782, 55.3786,
53.2757

■ 76.8653, 75.6527,
82.1767


 34.5182, 54.4830,
50.3289


 80.9869, 77.6910,
86.2787


 33.1902, 53.8593,
47.5176


 81.7593, 77.9999,
90.3461

 32.3018, 53.4597,
44.8363

 82.5553, 78.3184,
94.5380

 32.1372, 53.3871,
44.2763

 83.3752, 78.6463,
98.8552

 84.2191, 78.9838,
103.2990

Harmonies

Analogous

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



51.6777, 62.2918, 54.2819



50.3312, 62.2918, 66.4975



51.2527, 62.2918, 80.8225

Triad

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



50.3312, 62.2918, 66.4975



63.5860, 62.2918, 94.6209



64.4375, 62.2918, 47.6848

Complementary

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



50.3312, 62.2918, 66.4975



48.9853, 42.5327, 45.1657

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.



67.9433, 62.2918, 56.3018



50.3312, 62.2918, 66.4975



67.4331, 62.2918, 83.4523

Square

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



50.3312, 62.2918, 66.4975



58.7411, 62.2918, 98.3176



69.0682, 62.2918, 69.1704



59.6744, 62.2918, 44.3956

Rectangle

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



50.3312, 62.2918, 66.4975



53.0586, 62.2918, 89.4645



69.0682, 62.2918, 69.1704



65.8118, 62.2918, 49.9909

Sweetspot

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



50.3330, 62.2943, 66.4989



87.1416, 96.0152, 104.3683



48.7940, 62.0471, 41.7535



18.3527, 20.4006, 22.1602



0.0000, 0.0000, 0.0000



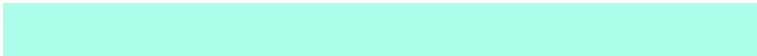
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3330, 62.2943, 66.4989



67.4170, 86.1191, 91.1406



48.4222, 55.4529, 75.1721



13.3009, 14.7720, 16.0473



19.1005, 31.6728, 26.4922



1.2707, 2.0652, 1.8917

Inverse Universe

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



48.9853, 42.5327, 45.1657



65.2388, 54.1148, 56.6125



50.3786, 47.5137, 38.8647



13.1867, 13.1038, 14.2445



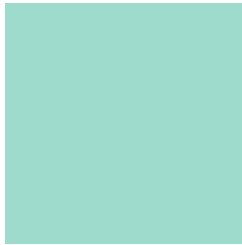
17.7517, 9.1017, 3.0728



1.1843, 0.6034, 0.3795

Previews

White Background



This preview shows how the XYZ color 50.3312, 62.2918, 66.4975 looks on a white background.

Color Contrast Check

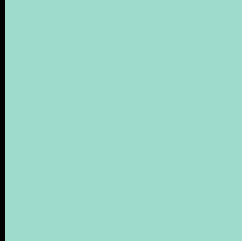
Large Text (above 18pt) WCAG AA × Fail

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 50.3312, 62.2918, 66.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

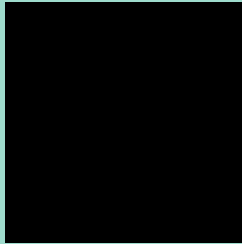
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

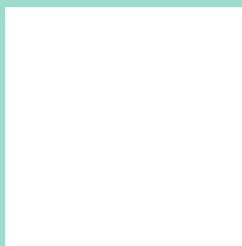
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3312, 62.2918, 66.4975

Background



This preview shows how black text looks on a background with the XYZ color 50.3312, 62.2918, 66.4975.

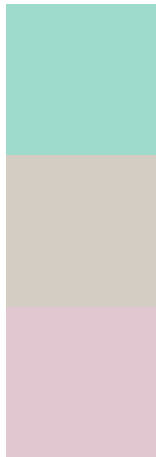


This preview shows how white text looks on a background with the XYZ color 50.3312, 62.2918,

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

50.3312, 62.2918, 66.4975

Protanopia

58.9465, 61.6452, 61.0165

Deuteranopia

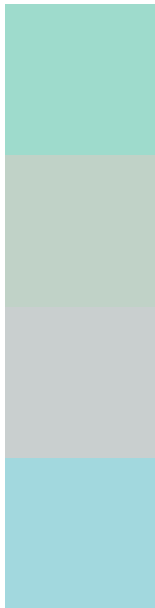
63.0908, 61.8702, 68.2914



Tritanopia

54.1758, 62.3196, 85.5174

Trichromacy



Original Color

50.3312, 62.2918, 66.4975

Protanomaly

55.0936, 61.4232, 62.9849

Deuteranomaly

57.6627, 61.5481, 67.8723

Tritanomaly

52.6410, 62.0670, 78.3129

Monochromacy



Original Color

50.3312, 62.2918, 66.4975

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.3811, 58.5500, 63.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3312, 62.2918, 66.4975 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(158, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 204)  
}
```

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(158, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.3312, 62.2918, 66.4975 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(158, 219, 204) }
```


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

```
.border{ border-color:rgb(158, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3312, 62.2918, 66.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 204) }
```

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

```
.background{ background-color: rgb(158,  
219, 204) }
```

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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