

Converting Colors

XYZ(52.8099, 64.8957, 64.3627)

Have a look what the booklet for
XYZ(52.8099, 64.8957, 64.3627)
contains.

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Color

**XYZ(52.6951, 64.7375,
64.3618)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DEC8
RGB	168, 222, 200
RGB Percent	66%, 87%, 78%
CMY	0.3412, 0.1294, 0.2157
CMYK	0.24, 0.00, 0.10, 0.13
HSL	156°, 45%, 76%
HSV	156°, 24%, 87%
XYZ	52.6951, 64.7375, 64.3618
YIQ	203.3460, -25.1220, -18.2900

Conversions

Conversions Part 2

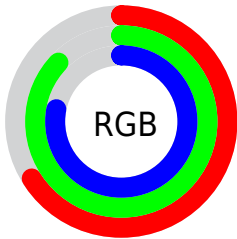
Format	Color
RYB	168, 202, 222
Decimal	11067080
CIELab	84.35, -21.78, 5.17
CIELCh	84, 22.387, 166.661
Yxy	64.7375, 0.2899, 0.3561
Android (android.graphics.Color)	4289257160 (0xFFA8DEC8)
YUV	203.3460, -1.6496, -30.9984
Hunter-Lab	80.4596, -23.9000, 8.8941

Details

The XYZ color **52.6951, 64.7375, 64.3618** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4234, 47.2544, 55.0234**, and the grayscale version is **57.0050, 59.9737, 65.3114**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.0773, 33.3576, 32.2584** is the 20% darker color. If you saturate the color by 10%, you get **47.3405, 62.0974, 58.7558**, and if you desaturate by 10%, it is **58.9228, 67.8239, 70.3379**.

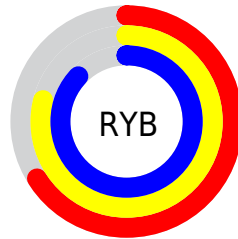
Distribution



Red (66%)

Green (87%)

Blue (78%)



Red (66%)

Yellow (79%)

Blue (87%)

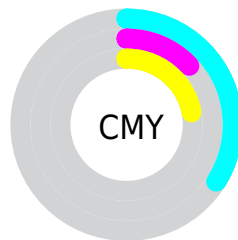


Cyan (24%)

Magenta (0%)

Yellow (10%)

Black (13%)



Cyan (34%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6951, 64.7375, 64.3618 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 52.6951, 64.7375, 64.3618 by changing the saturation by 10% instead.


 52.6951, 64.7375,
64.3618

 52.6951, 64.7375,
64.3618


387.3943,
441.8481, 458.7383

 37.7859, 47.2483,
46.4957


 93.3237, 111.6724,
112.7363

 25.9930, 33.2320,
32.2857

 119.7739,
141.8868, 144.0818

 16.9511, 22.3042,
21.3132


150.8018,
177.1118, 180.7575

 10.2947, 14.0806,
13.1597

186.7727,
217.7316, 223.1820

 5.6586, 8.1767,
7.4066

228.0521,
264.1308, 271.7738

 2.6773, 4.2082,
3.6354

275.0052,

 0.9855, 1.7907,

316.6936, 326.9514

1.4275

327.9975,
375.8046, 389.1334

0.0000, 0.4814,
0.1630

0.0000, 0.0000,
0.0000

52.6951, 64.7375,
64.3618

52.6951, 64.7375,
64.3618

47.3405, 62.0974,
58.7558

58.9228, 67.8239,
70.3379

42.8114, 59.8740,
53.5081

66.0572, 71.3687,
76.6871

39.0641, 58.0467,
48.6121

74.1368, 75.3933,
83.4178

36.0482, 56.5896,
44.0597

82.5294, 79.5717,
90.5057

■ 33.7073, 55.4737,
39.8421

■ 83.8788, 80.1114,
97.6116

■ 31.9761, 54.6656,
35.9500

■ 85.2958, 80.6782,
105.0732

■ 30.7753, 54.1245,
32.3732

■ 85.4124, 80.7249,
105.6875

■ 30.2566, 53.8985,
30.4775

Harmonies

Analogous

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



54.8407, 64.7375, 53.3274



52.6951, 64.7375, 64.3618



52.8245, 64.7375, 78.6275

Triad

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



52.6951, 64.7375, 64.3618



64.3111, 64.7375, 100.0852



68.3238, 64.7375, 52.4017

Complementary

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



52.6951, 64.7375, 64.3618



53.4234, 47.2544, 55.0234

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.



71.1453, 64.7375, 62.9308



52.6951, 64.7375, 64.3618



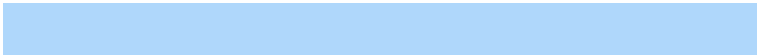
68.7446, 64.7375, 90.9842

Square

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



52.6951, 64.7375, 64.3618



59.3530, 64.7375, 100.6046



71.3033, 64.7375, 76.9914



63.7618, 64.7375, 47.0757

Rectangle

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



52.6951, 64.7375, 64.3618



54.1807, 64.7375, 88.1199



71.3033, 64.7375, 76.9914



69.5178, 64.7375, 55.3806

Sweetspot

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



52.6969, 64.7402, 64.3633



87.6361, 96.3107, 102.5561



54.5517, 66.0842, 46.9273



18.6273, 20.5496, 21.8367



0.0000, 0.0000, 0.0000



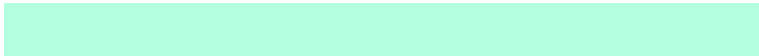
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6969, 64.7402, 64.3633



68.4006, 86.7789, 84.2858



54.2774, 63.4853, 78.5035



13.8679, 15.4729, 16.3396



18.0275, 32.0358, 18.3995



1.2936, 2.2382, 1.5075

Inverse Universe

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



53.4234, 47.2544, 55.0234



69.5546, 59.0403, 69.4767



52.0420, 48.0542, 43.5794



13.9376, 13.7927, 15.4414



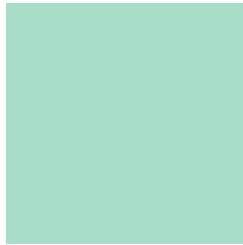
19.0528, 9.6881, 6.9437



1.3642, 0.6890, 0.7109

Previews

White Background



This preview shows how the XYZ color 52.6951, 64.7375, 64.3618 looks on a white background.

Color Contrast Check

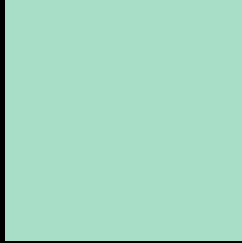
Large Text (above 18pt) WCAG AA × Fail

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 52.6951, 64.7375, 64.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

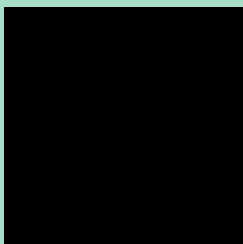
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

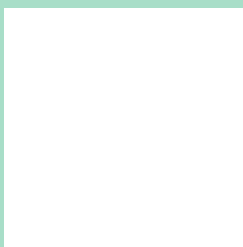
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6951, 64.7375, 64.3618

Background



This preview shows how black text looks on a background with the XYZ color 52.6951, 64.7375, 64.3618.



This preview shows how white text looks on a background with the XYZ color 52.6951, 64.7375,

64.3618.

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

52.6951, 64.7375, 64.3618

Protanopia

61.0414, 64.2029, 59.6272

Deuteranopia

65.5337, 64.2273, 66.0699



Tritanopia

57.3433, 64.6802, 87.3041

Trichromacy



Original Color

52.6951, 64.7375, 64.3618

Protanomaly

57.5636, 64.2208, 61.5865

Deuteranomaly

60.1206, 63.9603, 65.6768

Tritanomaly

55.5296, 64.7076, 78.6703

Monochromacy



Original Color

52.6951, 64.7375, 64.3618

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9425, 61.3046, 64.8143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6951, 64.7375, 64.3618 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(168, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(168, 222, 200)  
}
```

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(168, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 222, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.6951, 64.7375, 64.3618 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(168, 222, 200) }
```


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

```
.border{ border-color:rgb(168, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 222, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 222, 200);  
box-shadow:4px 4px 4px 4px rgb(168, 222,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6951, 64.7375, 64.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 222, 200) }
```

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

```
.background{ background-color: rgb(168,  
222, 200) }
```

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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