

Converting Colors

XYZ(52.2984, 64.5375, 76.5675)

Have a look what the booklet for
XYZ(52.2984, 64.5375, 76.5675)
contains.

XYZ(52.5003, 64.7599, 76.7507)	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(52.5003, 64.7599,
76.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADFDB
RGB	154, 223, 219
RGB Percent	60%, 87%, 86%
CMY	0.3961, 0.1255, 0.1412
CMYK	0.31, 0.00, 0.02, 0.13
HSL	177°, 52%, 74%
HSV	177°, 31%, 87%
XYZ	52.5003, 64.7599, 76.7507
YIQ	201.9130, -39.8400, -15.8720

Conversions

Conversions Part 2

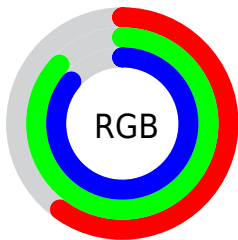
Format	Color
RYB	154, 190, 223
Decimal	10149851
CIELab	84.36, -22.34, -4.96
CIELCh	84, 22.883, 192.516
Yxy	64.7599, 0.2706, 0.3338
Android (android.graphics.Color)	4288339931 (0xFF9ADFDB)
YUV	201.9130, 8.4239, -42.0197
Hunter-Lab	80.4735, -24.3767, -0.2157

Details

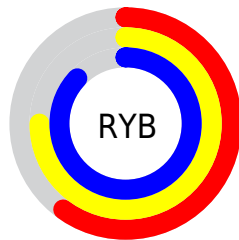
The XYZ color **52.5003, 64.7599, 76.7507** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1609, 41.2696, 37.7777**, and the grayscale version is **56.0533, 58.9724, 64.2209**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **25.9590, 33.3949, 40.1996** is the 20% darker color. If you saturate the color by 10%, you get **48.4748, 62.7059, 75.6780**, and if you desaturate by 10%, it is **57.3194, 67.2261, 77.8702**.

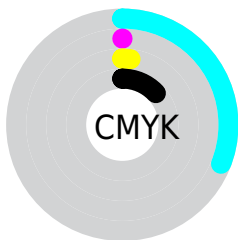
Distribution



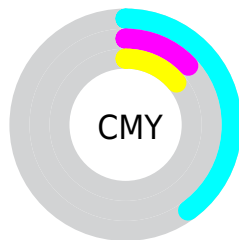
- Red (60%)
- Green (87%)
- Blue (86%)



- Red (60%)
- Yellow (75%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5003, 64.7599, 76.7507 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 52.5003, 64.7599, 76.7507 by changing the saturation by 10% instead.


 52.5003, 64.7599,
76.7507

 52.5003, 64.7599,
76.7507


386.6573,
441.9287, 503.3287

 37.6299, 47.2664,
56.5379


 93.0385, 111.7046,
130.5573

 25.8715, 33.2463,
40.2275


 119.4370,
141.9246, 164.9882

 16.8597, 22.3152,
27.4008


150.4090,
177.1556, 204.9956

 10.2292, 14.0887,
17.6394

186.3197,
217.7819, 250.9981

 5.6146, 8.1824,
10.5246

227.5345,
264.1880, 303.4140

 2.6506, 4.2119,
5.6381

274.4188,

 0.9718, 1.7928,

316.7582, 362.6621

2.5611

327.3380,
375.8770, 429.1608

0.0000, 0.4827,
0.8723

0.0000, 0.0000,
0.0000

52.5003, 64.7599,
76.7507

52.5003, 64.7599,
76.7507

48.4748, 62.7059,
75.6780

57.3194, 67.2261,
77.8702

45.1934, 61.0337,
74.6457

62.9668, 70.1175,
79.0340

42.6101, 59.7213,
73.6529

69.4819, 73.4561,
80.2453

40.6712, 58.7409,
72.6972

76.9001, 77.2601,
81.5059

■ 39.3154, 58.0609,
71.7755

■ 81.2836, 79.4996,
82.6314

■ 38.4694, 57.6437,
70.8846

■ 81.4613, 79.5706,
83.5671

■ 38.0302, 57.4342,
70.0987

■ 81.6403, 79.6422,
84.5098

■ 81.8207, 79.7144,
85.4596

■ 82.0024, 79.7871,
86.4165

Harmonies

Analogous

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



52.6976, 64.7599, 62.4373



52.5003, 64.7599, 76.7507



54.6295, 64.7599, 91.1582

Triad

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



52.5003, 64.7599, 76.7507



68.3925, 64.7599, 93.2080



64.5339, 64.7599, 47.0538

Complementary

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



52.5003, 64.7599, 76.7507



48.1609, 41.2696, 37.7777

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.



69.0367, 64.7599, 53.2461



52.5003, 64.7599, 76.7507



71.3472, 64.7599, 79.2556

Square

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



52.5003, 64.7599, 76.7507



63.6936, 64.7599, 101.5006



71.5893, 64.7599, 64.6219



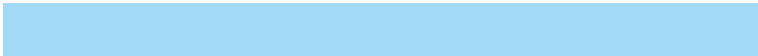
59.4596, 64.7599, 46.5762

Rectangle

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



52.5003, 64.7599, 76.7507



57.1535, 64.7599, 98.3562



71.5893, 64.7599, 64.6219



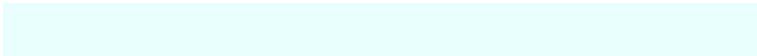
66.1713, 64.7599, 48.4923

Sweetspot

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



52.5022, 64.7625, 76.7522



86.8913, 95.8187, 107.4032



46.4413, 62.4412, 40.1778



18.3358, 20.3747, 22.9380



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.



52.5022, 64.7625, 76.7522



67.5687, 85.9332, 103.0795



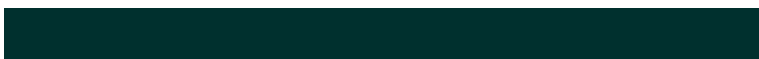
45.7397, 50.3840, 77.1294



14.0804, 15.5579, 17.4588



22.3749, 33.7748, 41.2930



1.5615, 2.3453, 2.9181

Inverse Universe

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



48.1609, 41.2696, 37.7777



60.8180, 49.3853, 42.4625



53.3862, 52.2627, 37.8471



13.7393, 13.7134, 14.3974



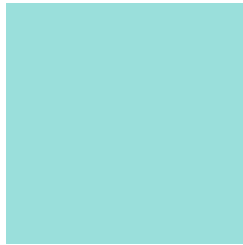
17.9491, 9.2466, 1.1319



1.2557, 0.6455, 0.1391

Previews

White Background



This preview shows how the XYZ color 52.5003, 64.7599, 76.7507 looks on a white background.

Color Contrast Check

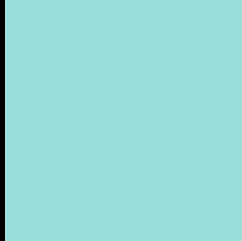
Large Text (above 18pt) WCAG AA × Fail

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 52.5003, 64.7599, 76.7507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

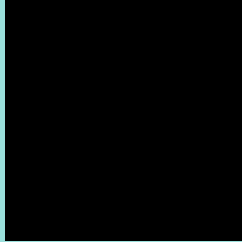
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

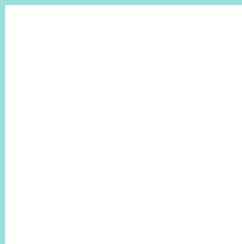
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5003, 64.7599, 76.7507

Background



This preview shows how black text looks on a background with the XYZ color 52.5003, 64.7599, 76.7507.

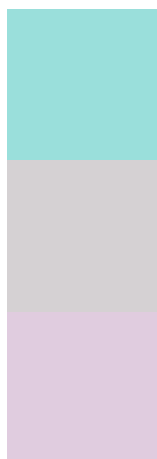


This preview shows how white text looks on a background with the XYZ color 52.5003, 64.7599,

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

52.5003, 64.7599, 76.7507

Protanopia

61.9989, 64.4502, 70.8005

Deuteranopia

65.6526, 64.3607, 78.7746



Tritanopia

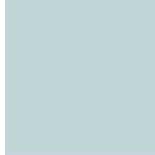
55.1264, 64.6285, 90.4580

Trichromacy



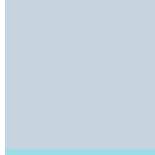
Original Color

52.5003, 64.7599, 76.7507



Protanomaly

57.9224, 64.1546, 72.9486



Deuteranomaly

60.0323, 64.0046, 78.2973



Tritanomaly

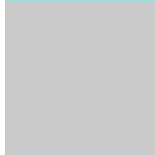
54.1849, 64.6505, 85.2243

Monochromacy



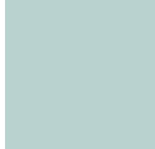
Original Color

52.5003, 64.7599, 76.7507



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.4393, 60.9615, 68.5720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5003, 64.7599, 76.7507 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(154, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(154, 223, 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(154, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.5003, 64.7599, 76.7507 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(154, 223, 219) }
```


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

```
.border{ border-color:rgb(154, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 223, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 223, 219); box-shadow:4px 4px 4px 4px rgb(154, 223, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5003, 64.7599, 76.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 223, 219) }
```

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

```
.background{ background-color: rgb(154,  
223, 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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