

Converting Colors

XYZ(52.0642, 75.0960, 52.5170)

Have a look what the booklet for
XYZ(52.0642, 75.0960, 52.5170)
contains.

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Color

**XYZ(52.1540, 75.3675,
52.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF7AF
RGB	142, 247, 175
RGB Percent	56%, 97%, 69%
CMY	0.4431, 0.0314, 0.3137
CMYK	0.43, 0.00, 0.29, 0.03
HSL	139°, 87%, 76%
HSV	139°, 43%, 97%
XYZ	52.1540, 75.3675, 52.3560
YIQ	207.3970, -39.4680, -44.6520

Conversions

Conversions Part 2

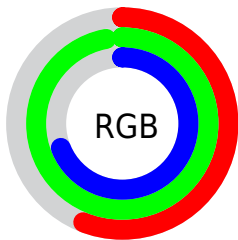
Format	Color
RYB	142, 222, 247
Decimal	9369519
CIELab	89.56, -45.68, 25.32
CIElCh	90, 52.228, 150.999
Yxy	75.3675, 0.2899, 0.4190
Android (android.graphics.Color)	4287559599 (0xFF8EF7AF)
YUV	207.3970, -15.9717, -57.3532
Hunter-Lab	86.8145, -44.6910, 25.0135

Details

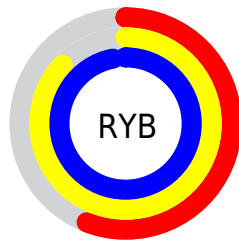
The XYZ color **52.1540, 75.3675, 52.3560** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.1709, 43.9769, 68.9384**, and the grayscale version is **59.6840, 62.7922, 68.3807**.

A 20% lighter version of the original color is **74.0032, 89.5689, 88.9894**, and **25.6726, 40.1633, 24.8116** is the 20% darker color. If you saturate the color by 10%, you get **46.8160, 72.7981, 43.9609**, and if you desaturate by 10%, it is **58.6435, 78.5106, 61.8975**.

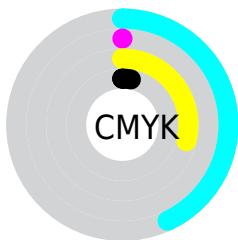
Distribution



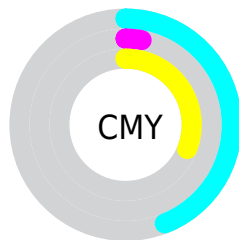
- Red (56%)
- Green (97%)
- Blue (69%)



- Red (56%)
- Yellow (87%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)





- Cyan (44%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1540, 75.3675, 52.3560 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 52.1540, 75.3675, 52.3560 by changing the saturation by 10% instead.


 52.1540, 75.3675,
52.3560


 52.1540, 75.3675,
52.3560

385.3450,
479.1798, 412.8054

 37.3526, 55.9140,
36.9047


 92.5312, 126.8324,
95.0880

 25.6555, 40.1340,
24.8385


 118.8377,
159.6127, 123.2057

 16.6975, 27.6430,
15.7389


149.7100,
197.6040, 156.3828

 10.1130, 18.0567,
9.1872

185.5134,
241.1907, 195.0376

 5.5368, 10.9907,
4.7650

226.6132,
290.7572, 239.5887

 2.6035, 6.0606,
2.0537

273.3749,

 0.9477, 2.8820,

346.6880, 290.4547

0.5880

326.1637,
409.3674, 348.0541

0.0000, 1.0704,
0.0000

0.0000, 0.0000,
0.0000

52.1540, 75.3675,
52.3560

52.1540, 75.3675,
52.3560

46.8160, 72.7981,
43.9609

58.6435, 78.5106,
61.8975

42.5533, 70.7577,
36.6637

66.3430, 82.2505,
72.6214

39.2893, 69.2098,
30.4197

75.3138, 86.6199,
84.5684

36.9340, 68.1092,
25.1793

85.6113, 91.6468,
97.7758

■ 35.3800, 67.4014,
20.8882

■ 92.5522, 95.0044,
108.0674

■ 34.6241, 67.0692,
18.2589

Harmonies

Analogous

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



59.6669, 75.3675, 35.1811



52.1540, 75.3675, 52.3560



49.6936, 75.3675, 83.2997

Triad

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



52.1540, 75.3675, 52.3560



72.0653, 75.3675, 174.8992



94.9270, 75.3675, 50.7915

Complementary

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



52.1540, 75.3675, 52.3560



60.1709, 43.9769, 68.9384

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.



99.2364, 75.3675, 80.8374



52.1540, 75.3675, 52.3560



85.1042, 75.3675, 158.7330

Square

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



52.1540, 75.3675, 52.3560



60.3285, 75.3675, 160.6519



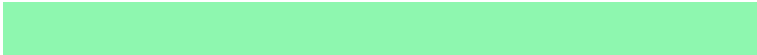
95.4466, 75.3675, 121.2989



84.2717, 75.3675, 34.4858

Rectangle

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



52.1540, 75.3675, 52.3560



50.9854, 75.3675, 110.0696



95.4466, 75.3675, 121.2989



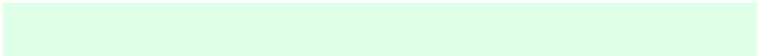
97.2191, 75.3675, 59.2613

Sweetspot

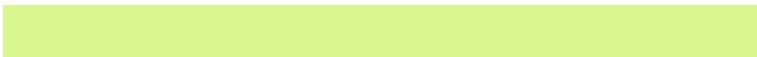
The Sweet Spot groups the original color and five complimentary colors.



52.1560, 75.3706, 52.3577



80.4419, 92.8674, 90.2294



66.3174, 83.0009, 38.1175



16.7391, 19.6440, 18.6836



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.



52.1560, 75.3706, 52.3577



51.0768, 78.6229, 48.4746



58.1459, 77.7666, 83.9004



16.4967, 18.5578, 18.6342



18.3671, 35.4917, 9.9530



1.6588, 3.1372, 1.1091

Inverse Universe

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



60.1709, 43.9769, 68.9384



60.7212, 40.7762, 68.3742



54.6438, 41.7661, 39.8332



16.9790, 16.6745, 19.6360



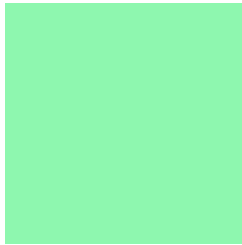
24.1592, 12.0071, 21.3447



2.1697, 1.0738, 2.1198

Previews

White Background



This preview shows how the XYZ color 52.1540, 75.3675, 52.3560 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 52.1540, 75.3675, 52.3560 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

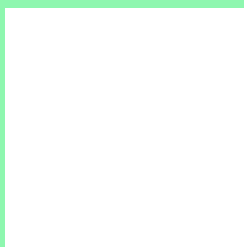
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1540, 75.3675, 52.3560

Background



This preview shows how black text looks on a background with the XYZ color 52.1540, 75.3675, 52.3560.



This preview shows how white text looks on a background with the XYZ color 52.1540, 75.3675,

52.3560.

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

52.1540, 75.3675, 52.3560

Protanopia

69.3824, 74.5532, 46.3307

Deuteranopia

74.9812, 74.0459, 58.4845



Tritanopia

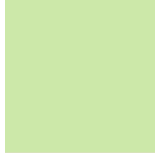
62.9457, 74.8923, 105.7458

Trichromacy



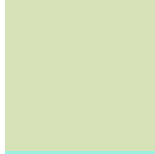
Original Color

52.1540, 75.3675, 52.3560



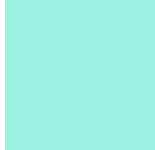
Protanomaly

60.9199, 73.4152, 48.4958



Deuteranomaly

63.8524, 72.6950, 56.0136



Tritanomaly

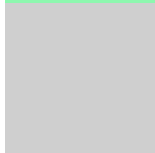
58.4051, 74.7797, 83.3072

Monochromacy



Original Color

52.1540, 75.3675, 52.3560



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.5000, 66.2500, 61.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1540, 75.3675, 52.3560 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(142, 247, 175)` looks like.

```
.text, #text, p{  
    color:rgb(142, 247, 175)  
}
```

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(142, 247, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 247, 175) }
```

Border

The CSS property to change the border of an element to XYZ 52.1540, 75.3675, 52.3560 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(142, 247, 175) }
```


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

```
.border{ border-color:rgb(142, 247, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 247, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 247, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 247, 175);  
box-shadow:4px 4px 4px 4px rgb(142, 247,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1540, 75.3675, 52.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 247, 175) }
```

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

```
.background{ background-color: rgb(142,  
247, 175) }
```

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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