

Converting Colors

XYZ(51.6852, 75.5346, 41.0841)

Have a look what the booklet for
XYZ(51.6852, 75.5346, 41.0841)
contains.

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Color

**XYZ(51.6092, 75.3352,
41.0992)**

Conversions

Conversions Part 1

Format	Color
Hex	97F797
RGB	151, 247, 151
RGB Percent	59%, 97%, 59%
CMY	0.4078, 0.0314, 0.4078
CMYK	0.39, 0.00, 0.39, 0.03
HSL	120°, 86%, 78%
HSV	120°, 39%, 97%
XYZ	51.6092, 75.3352, 41.0992
YIQ	207.3520, -26.4000, -50.2080

Conversions

Conversions Part 2

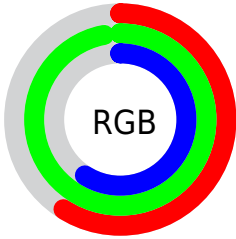
Format	Color
RYB	151, 247, 247
Decimal	9959319
CIELab	89.55, -47.04, 37.44
CIElCh	90, 60.126, 141.484
Yxy	75.3352, 0.3071, 0.4483
Android (android.graphics.Color)	4288149399 (0xFF97F797)
YUV	207.3520, -27.7815, -49.4207
Hunter-Lab	86.7959, -45.7558, 32.6824

Details

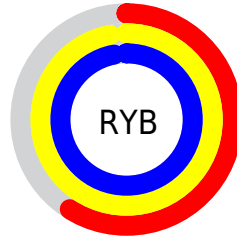
The XYZ color **51.6092, 75.3352, 41.0992** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.2153, 48.6243, 93.8939**, and the grayscale version is **59.7227, 62.8329, 68.4251**.

A 20% lighter version of the original color is **73.1951, 89.5315, 71.8160**, and **25.3849, 40.1607, 18.2182** is the 20% darker color. If you saturate the color by 10%, you get **45.6963, 72.4972, 31.4261**, and if you desaturate by 10%, it is **58.9065, 78.8427, 53.0338**.

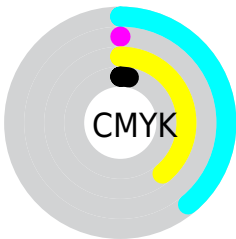
Distribution



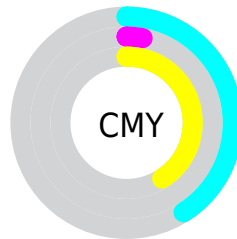
- Red (59%)
- Green (97%)
- Blue (59%)



- Red (59%)
- Yellow (97%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)





- Cyan (41%)
- Magenta (3%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6092, 75.3352, 41.0992 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 51.6092, 75.3352, 41.0992 by changing the saturation by 10% instead.


 51.6092, 75.3352,
41.0992


 51.6092, 75.3352,
41.0992


383.2748,
479.0689, 366.4240

 36.9167, 55.8875,
28.0763


 91.7323, 126.7867,
78.0898

 25.3164, 40.1128,
18.1437


 117.8936,
159.5594, 102.8945

 16.4429, 27.6265,
10.8827


148.6085,
197.5425, 132.4637

 9.9309, 18.0443,
5.8748

184.2423,
241.1205, 167.2157

 5.4151, 10.9818,
2.7016

225.1606,
290.6778, 207.5693

 2.5301, 6.0546,
0.9442


271.7285,

 0.9104, 2.8783,


346.5986, 253.9428


0.0000


324.3114,
409.2676, 306.7548


 0.0000, 1.0685,
0.0000


 0.0000, 0.0000,
0.0000

 51.6092, 75.3352,
41.0992

 51.6092, 75.3352,
41.0992


 45.6963, 72.4972,
31.4261


 58.9065, 78.8427,
53.0338


 41.0751, 70.2774,
23.8673

 67.6617, 83.0483,
67.3546

 37.6508, 68.6326,
18.2661

 77.9503, 87.9904,
84.1833

 35.3131, 67.5096,
14.4422

 89.8405, 93.7019,
103.6319

■ 33.9312, 66.8458,
12.1818

■ 92.5522, 95.0045,
108.0674

■ 33.3126, 66.5487,
11.1699

■ 33.2623, 66.5245,
11.0875

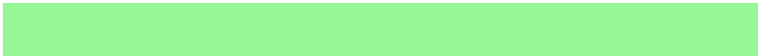
Harmonies

Analogous

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



61.7019, 75.3352, 27.2480



51.6092, 75.3352, 41.0992



47.0377, 75.3352, 70.5664

Triad

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



51.6092, 75.3352, 41.0992



67.4815, 75.3352, 191.5688



101.4020, 75.3352, 55.7086

Complementary

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



51.6092, 75.3352, 41.0992



66.2153, 48.6243, 93.8939

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.



103.5091, 75.3352, 94.6663



51.6092, 75.3352, 41.0992



82.5122, 75.3352, 183.3246

Square

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



51.6092, 75.3352, 41.0992



55.3401, 75.3352, 163.5036



96.1922, 75.3352, 143.7896



90.7775, 75.3352, 33.4407

Rectangle

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



51.6092, 75.3352, 41.0992



47.2308, 75.3352, 99.3019



96.1922, 75.3352, 143.7896



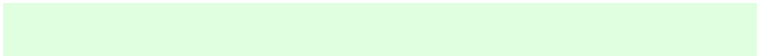
103.1830, 75.3352, 66.8820

Sweetspot

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



51.6111, 75.3384, 41.1009



80.1335, 92.8349, 84.5015



77.2077, 88.5339, 42.2982



16.8365, 19.7190, 17.5710



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

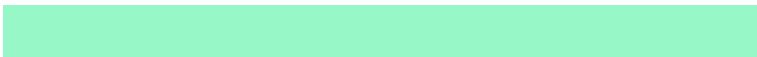
The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.6111, 75.3384, 41.1009



50.1597, 78.4369, 35.4739



56.3341, 77.2276, 65.9720



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



66.2153, 48.6243, 93.8939



67.9746, 45.8497, 99.8734



59.7354, 46.0323, 59.7714



17.2137, 16.7683, 20.8719



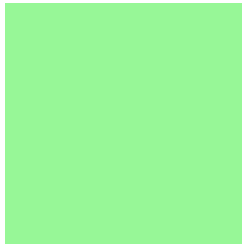
29.1647, 14.0093, 47.7033



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 51.6092, 75.3352, 41.0992 looks on a white background.

Color Contrast Check

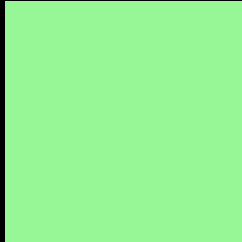
Large Text (above 18pt) WCAG AA × Fail

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 51.6092, 75.3352, 41.0992 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

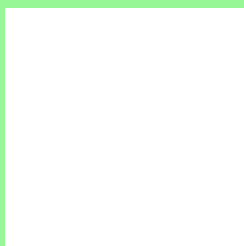
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6092, 75.3352, 41.0992

Background



This preview shows how black text looks on a background with the XYZ color 51.6092, 75.3352, 41.0992.

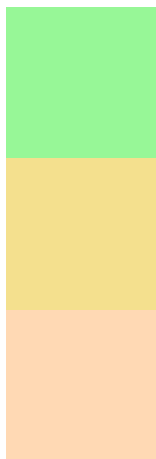


This preview shows how white text looks on a background with the XYZ color 51.6092, 75.3352,

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

51.6092, 75.3352, 41.0992

Protanopia

68.8464, 74.4974, 36.3420

Deuteranopia

74.2911, 74.1810, 53.5828



Tritanopia

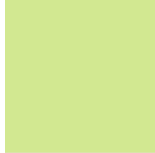
64.3923, 75.2303, 104.8930

Trichromacy



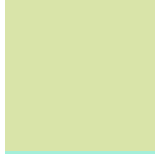
Original Color

51.6092, 75.3352, 41.0992



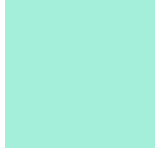
Protanomaly

60.5458, 73.4592, 37.7760



Deuteranomaly

63.5201, 73.1031, 48.2986



Tritanomaly

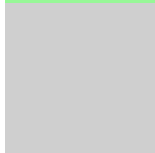
58.7007, 74.6353, 76.9578

Monochromacy



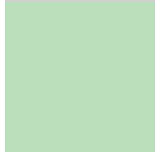
Original Color

51.6092, 75.3352, 41.0992



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.5844, 66.3952, 56.8997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6092, 75.3352, 41.0992 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(151, 247, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 247, 151)  
}
```

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(151, 247, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 247, 151) }
```

Border

The CSS property to change the border of an element to XYZ 51.6092, 75.3352, 41.0992 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(151, 247, 151) }
```


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

```
.border{ border-color:rgb(151, 247, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 247, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 247, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 247, 151);  
box-shadow:4px 4px 4px 4px rgb(151, 247,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6092, 75.3352, 41.0992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 247, 151) }
```

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

```
.background{ background-color: rgb(151,  
247, 151) }
```

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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