

Converting Colors

XYZ(50.9010, 74.8484, 26.7925)

Have a look what the booklet for
XYZ(50.9010, 74.8484, 26.7925)
contains.

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Color

**XYZ(50.9293, 74.8458,
26.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F66F
RGB	163, 246, 111
RGB Percent	64%, 96%, 44%
CMY	0.3608, 0.0353, 0.5647
CMYK	0.34, 0.00, 0.55, 0.04
HSL	97°, 88%, 70%
HSV	97°, 55%, 96%
XYZ	50.9293, 74.8458, 26.8014
YIQ	205.7930, -6.1330, -59.5810

Conversions

Conversions Part 2

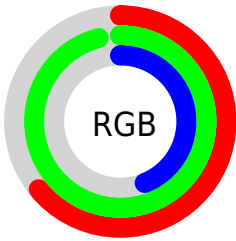
Format	Color
RYB	111, 246, 194
Decimal	10745455
CIELab	89.32, -47.86, 56.25
CIELCh	89, 73.850, 130.392
Yxy	74.8458, 0.3338, 0.4905
Android (android.graphics.Color)	4288935535 (0xFFA3F66F)
YUV	205.7930, -46.7329, -37.5295
Hunter-Lab	86.5135, -46.3180, 42.1917

Details

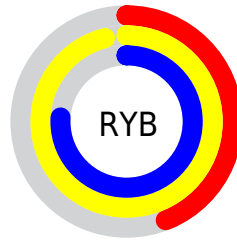
The XYZ color **50.9293, 74.8458, 26.8014** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **44.5707, 29.4944, 90.5368**, and the grayscale version is **58.8279, 61.8915, 67.3998**.

A 20% lighter version of the original color is **72.4617, 89.6453, 49.5605**, and **24.8800, 39.7548, 10.2330** is the 20% darker color. If you saturate the color by 10%, you get **46.8434, 72.8773, 20.4874**, and if you desaturate by 10%, it is **55.7622, 77.1609, 35.1000**.

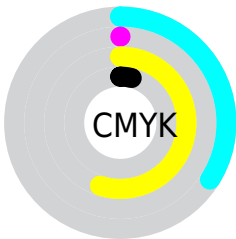
Distribution



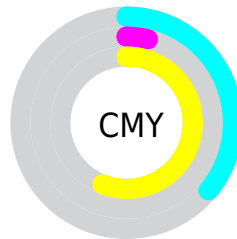
- Red (64%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9293, 74.8458, 26.8014 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 50.9293, 74.8458, 26.8014 by changing the saturation by 10% instead.


 50.9293, 74.8458,
26.8014


 50.9293, 74.8458,
26.8014


380.6812,
477.3874, 300.4239


 36.3732, 55.4866,
17.1930


 90.7339, 126.0941,
55.5649

 24.8940, 39.7914,
10.2088


 116.7130,
158.7519, 75.5570

 16.1264, 27.3760,
5.4302


 147.2305,
196.6114, 99.8475

 9.7050, 17.8558,
2.4387

182.6518,
240.0569, 128.8549

 5.2646, 10.8465,
0.8074

223.3421,
289.4729, 162.9977

 2.4397, 5.9637,
0.0000

269.6669,

 0.8649, 2.8230,

345.2437, 202.6944

0.0000

321.9915,
407.7537, 248.3637

0.0000, 1.0400,
0.0000

0.0000, 0.0000,
0.0000

50.9293, 74.8458,
26.8014

50.9293, 74.8458,
26.8014

46.8434, 72.8773,
20.4874

55.7622, 77.1609,
35.1000

43.4547, 71.2265,
15.9869


61.3769, 79.8305,
45.5257


40.7147, 69.8748,
13.1083


67.8123, 82.8739,
58.2136

38.5636, 68.7967,
11.6140

75.1028, 86.3062,
73.2859

 37.6507, 68.3342,
11.2054

 83.2807, 90.1416,
90.8566

 91.7902, 94.1590,
107.9444

 92.2473, 94.3947,
107.9658

Harmonies

Analogous

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



65.0580, 74.8458, 17.6012



50.9293, 74.8458, 26.8014



43.1899, 74.8458, 52.4750

Triad

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



50.9293, 74.8458, 26.8014



60.1127, 74.8458, 215.6228



111.0421, 74.8458, 64.8421

Complementary

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



50.9293, 74.8458, 26.8014



44.5707, 29.4944, 90.5368

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.



109.1109, 74.8458, 119.6210



50.9293, 74.8458, 26.8014



77.5870, 74.8458, 223.6290

Square

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



50.9293, 74.8458, 26.8014



47.8377, 74.8458, 164.3982



96.0914, 74.8458, 183.0995



100.9918, 74.8458, 32.5515

Rectangle

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



50.9293, 74.8458, 26.8014



41.7631, 74.8458, 82.1773



96.0914, 74.8458, 183.0995



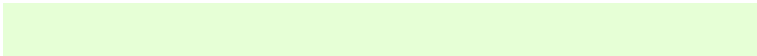
111.8092, 74.8458, 80.8152

Sweetspot

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



50.9311, 74.8490, 26.8030



80.5288, 93.1941, 77.4963



59.7280, 58.4429, 23.1727



16.8755, 19.7776, 15.8325



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.



50.9311, 74.8490, 26.8030



50.3275, 78.8325, 21.5164



43.1835, 70.7625, 30.6189



16.8857, 18.7831, 17.5331



20.2404, 36.5471, 5.9875



1.8900, 3.2694, 0.5314

Inverse Universe

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



44.5707, 29.4944, 90.5368



42.7138, 24.9581, 97.1739



58.3301, 36.8185, 80.7530



16.5595, 16.4311, 20.8413



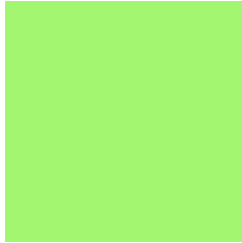
15.8775, 7.1595, 47.0831



1.5100, 0.6883, 4.1435

Previews

White Background



This preview shows how the XYZ color 50.9293, 74.8458, 26.8014 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 50.9293, 74.8458, 26.8014 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

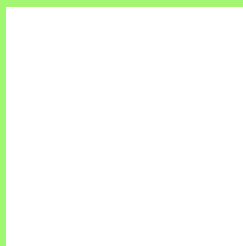
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9293, 74.8458, 26.8014

Background



This preview shows how black text looks on a background with the XYZ color 50.9293, 74.8458, 26.8014.

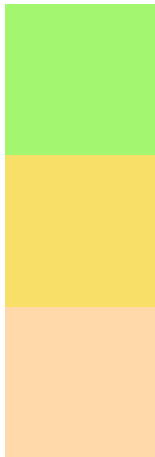


This preview shows how white text looks on a background with the XYZ color 50.9293, 74.8458,

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

50.9293, 74.8458, 26.8014

Protanopia

67.8657, 74.2672, 23.8548

Deuteranopia

73.3086, 73.7880, 48.4089



Tritanopia

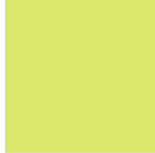
65.8388, 74.3682, 101.3269

Trichromacy



Original Color

50.9293, 74.8458, 26.8014



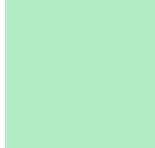
Protanomaly

60.1257, 73.5265, 24.9330



Deuteranomaly

63.2924, 73.1863, 39.2243



Tritanomaly

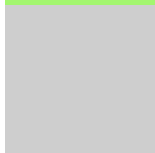
58.4357, 73.4615, 65.1324

Monochromacy



Original Color

50.9293, 74.8458, 26.8014



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.4423, 65.6003, 48.3208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9293, 74.8458, 26.8014 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(163, 246, 111)` looks like.

```
.text, #text, p{  
    color:rgb(163, 246, 111)  
}
```

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(163, 246, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 246, 111) }
```

Border

The CSS property to change the border of an element to XYZ 50.9293, 74.8458, 26.8014 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(163, 246, 111) }
```


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

```
.border{ border-color:rgb(163, 246, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 246, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 246, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 246, 111);  
box-shadow:4px 4px 4px 4px rgb(163, 246,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9293, 74.8458, 26.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 246, 111) }
```

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

```
.background{ background-color: rgb(163,  
246, 111) }
```

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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