

Converting Colors

XYZ(52.2491, 60.4234, 92.1282)

Have a look what the booklet for
XYZ(52.2491, 60.4234, 92.1282)
contains.

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Color

**XYZ(52.2491, 60.4234,
92.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	96D5F1
RGB	150, 213, 241
RGB Percent	59%, 84%, 95%
CMY	0.4117, 0.1647, 0.0549
CMYK	0.38, 0.12, 0.00, 0.05
HSL	198°, 76%, 77%
HSV	198°, 38%, 95%
XYZ	52.2491, 60.4234, 92.1282
YIQ	197.3550, -46.5360, -4.6480

Conversions

Conversions Part 2

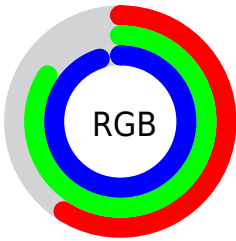
Format	Color
R_{YB}	150, 187, 241
Decimal	9885169
CIE _{Lab}	82.07, -13.12, -20.08
CIE _{LCh}	82, 23.986, 236.853
Yxy	60.4234, 0.2551, 0.2950
Android (android.graphics.Color)	4288075249 (0xFF96D5F1)
YUV	197.3550, 21.5170, -41.5303
Hunter-Lab	77.7325, -16.0503, -15.8575

Details

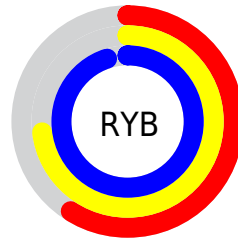
The XYZ color **52.2491, 60.4234, 92.1282** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.7021, 52.7445, 35.9953**, and the grayscale version is **53.1811, 55.9507, 60.9303**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **25.7031, 30.3894, 50.4100** is the 20% darker color. If you saturate the color by 10%, you get **46.4398, 54.7241, 91.3354**, and if you desaturate by 10%, it is **59.0594, 66.7681, 92.9950**.

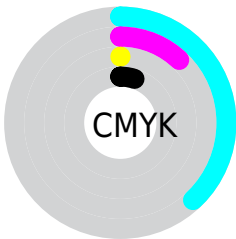
Distribution



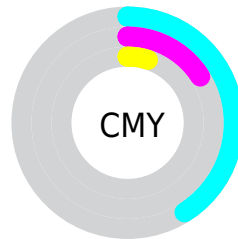
- Red (59%)
- Green (84%)
- Blue (95%)



- Red (59%)
- Yellow (73%)
- Blue (95%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2491, 60.4234, 92.1282 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 52.2491, 60.4234, 92.1282 by changing the saturation by 10% instead.

■ 52.2491, 60.4234,
92.1282

■ 52.2491, 60.4234,
92.1282

385.7057,
426.1567, 555.6775

■ 37.4287, 43.7600,
69.1635

■ 92.6706, 105.4436,
152.2523

■ 25.7148, 30.4819,
50.3723

■ 119.0024,
134.5692, 190.2488

■ 16.7420, 20.2046,
35.3360

149.9020,
168.6177, 234.0929

■ 10.1449, 12.5439,
23.6362

185.7349,
207.9734, 284.2032

■ 5.5581, 7.1152,
14.8543

226.8664,
253.0208, 340.9983

■ 2.6164, 3.5343,
8.5717

273.6617,

■ 0.9543, 1.4166,

304.1442, 404.8967

4.3699

326.4864,
361.7280, 476.3169

■ 0.0000, 0.2289,
1.8304

■ 0.0000, 0.0000,
0.4479

■ 52.2491, 60.4234,
92.1282

■ 52.2491, 60.4234,
92.1282

■ 46.4398, 54.7241,
91.3354

■ 59.0594, 66.7681,
92.9950

■ 41.5685, 49.6319,
90.6092

■ 66.9176, 73.7799,
93.9342

■ 37.5733, 45.1146,
89.9479

■ 75.8745, 81.4879,
94.9499

■ 34.3820, 41.1333,
89.3476

■ 85.9755, 89.9171,
96.0445

■ 31.9098, 37.6423,
88.8041

■ 91.3275, 96.0312,
96.9426

■ 30.0427, 34.5812,
88.3116

■ 92.8774, 99.1310,
97.4592

■ 29.6689, 33.9340,
88.2064

Harmonies

Analogous

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



49.1425, 60.4234, 79.2657



52.2491, 60.4234, 92.1282



56.8956, 60.4234, 97.8946

Triad

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



52.2491, 60.4234, 92.1282



67.7559, 60.4234, 67.3399



53.1268, 60.4234, 43.8391

Complementary

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



52.2491, 60.4234, 92.1282



57.7021, 52.7445, 35.9953

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.



57.9690, 60.4234, 41.6070



52.2491, 60.4234, 92.1282



66.6019, 60.4234, 53.9367

Square

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



52.2491, 60.4234, 92.1282



66.0112, 60.4234, 82.3186



62.9439, 60.4234, 45.0222



49.6278, 60.4234, 51.6380

Rectangle

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



52.2491, 60.4234, 92.1282



60.3119, 60.4234, 96.3901



62.9439, 60.4234, 45.0222



54.6427, 60.4234, 42.4677

Sweetspot

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



52.2510, 60.4258, 92.1296



82.7811, 89.6794, 107.5546



52.0002, 72.5823, 53.0226



17.4183, 18.9376, 22.9872



0.0000, 0.0000, 0.0000



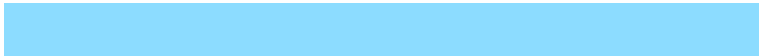
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2510, 60.4258, 92.1296



54.4204, 63.8433, 104.0625



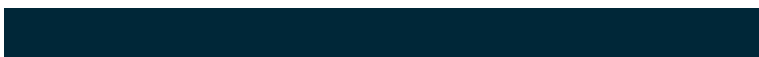
42.4960, 40.9158, 88.8779



15.8131, 17.0604, 20.1812



16.2136, 18.6513, 47.8734



1.4365, 1.7270, 4.0119

Inverse Universe

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



59.1938, 45.3192, 68.5809



63.5325, 45.2404, 72.8818



68.1162, 73.5727, 39.4666



16.2351, 15.9438, 18.7944



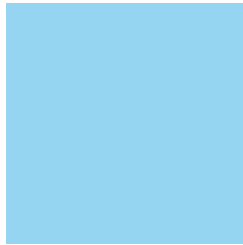
23.5095, 11.6762, 21.1312



2.0000, 0.9891, 1.9910

Previews

White Background



This preview shows how the XYZ color 52.2491, 60.4234, 92.1282 looks on a white background.

Color Contrast Check

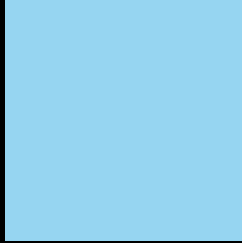
Large Text (above 18pt) WCAG AA × Fail

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 52.2491, 60.4234, 92.1282 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 52.2491, 60.4234, 92.1282

Background



This preview shows how black text looks on a background with the XYZ color 52.2491, 60.4234, 92.1282.



This preview shows how white text looks on a background with the XYZ color 52.2491, 60.4234,

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

52.2491, 60.4234, 92.1282

Protanopia

59.2605, 60.1873, 86.3359

Deuteranopia

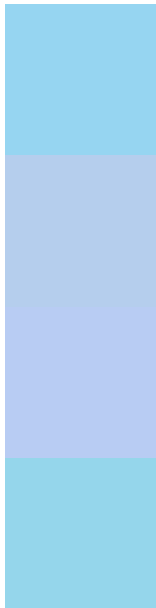
61.3812, 60.0750, 93.9485



Tritanopia

51.0787, 60.7230, 85.3725

Trichromacy



Original Color

52.2491, 60.4234, 92.1282

Protanomaly

56.4134, 60.0808, 88.7442

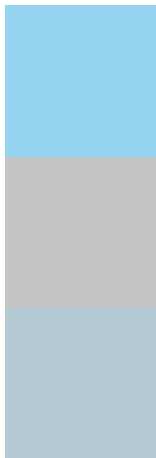
Deuteranomaly

57.5377, 59.8471, 93.3131

Tritanomaly

51.4364, 60.4809, 87.5602

Monochromacy



Original Color

52.2491, 60.4234, 92.1282

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.1886, 57.2193, 71.2446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2491, 60.4234, 92.1282 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(150, 213, 241)` looks like.

```
.text, #text, p{  
    color:rgb(150, 213, 241)  
}
```

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(150, 213, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 213, 241) }
```

Border

The CSS property to change the border of an element to XYZ 52.2491, 60.4234, 92.1282 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(150, 213, 241) }
```


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

```
.border{ border-color:rgb(150, 213, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 213, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 213, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 213, 241);  
box-shadow:4px 4px 4px 4px rgb(150, 213,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2491, 60.4234, 92.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 213, 241) }
```

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

```
.background{ background-color: rgb(150,  
213, 241) }
```

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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