

Converting Colors

XYZ(50.6000, 51.6455, 98.5034)

Have a look what the booklet for
XYZ(50.6000, 51.6455, 98.5034)
contains.

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Color

**XYZ(50.7413, 51.8037,
98.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BFFB
RGB	161, 191, 251
RGB Percent	63%, 75%, 98%
CMY	0.3686, 0.2510, 0.0157
CMYK	0.36, 0.24, 0.00, 0.02
HSL	220°, 92%, 81%
HSV	220°, 36%, 98%
XYZ	50.7413, 51.8037, 98.5915
YIQ	188.8700, -37.1400, 12.3000

Conversions

Conversions Part 2

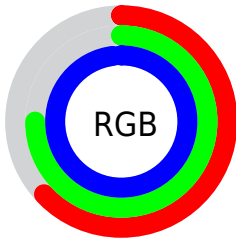
Format	Color
R _Y B	161, 184, 251
Decimal	10600443
CIE Lab	77.16, 4.05, -32.86
CIE LCh	77, 33.111, 277.019
Yxy	51.8037, 0.2523, 0.2576
Android (android.graphics.Color)	4288790523 (0xFFA1BFFB)
YUV	188.8700, 30.6301, -24.4420
Hunter-Lab	71.9748, -0.1157, -30.8335

Details

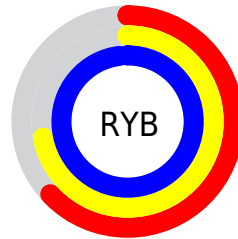
The XYZ color **50.7413, 51.8037, 98.5915** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.0742, 74.7964, 44.3584**, and the grayscale version is **48.1427, 50.6498, 55.1577**.

A 20% lighter version of the original color is **80.2242, 88.6470, 107.4900**, and **24.7699, 25.1362, 54.5852** is the 20% darker color. If you saturate the color by 10%, you get **42.7388, 42.5679, 97.2315**, and if you desaturate by 10%, it is **60.1795, 62.4007, 100.1404**.

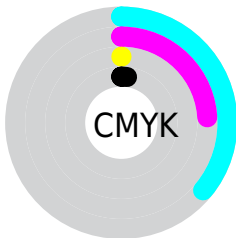
Distribution



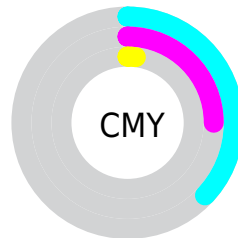
- Red (63%)
- Green (75%)
- Blue (98%)



- Red (63%)
- Yellow (72%)
- Blue (98%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (37%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7413, 51.8037, 98.5915 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 50.7413, 51.8037, 98.5915 by changing the saturation by 10% instead.

■ 50.7413, 51.8037,
98.5915

■ 50.7413, 51.8037,
98.5915

379.9621,
393.6783, 576.8754

■ 36.2230, 36.8486,
74.5144

■ 90.4575, 92.8417,
161.2552

■ 24.7774, 25.0903,
54.7159

■ 116.3861,
119.6934, 200.6789

■ 16.0391, 16.1444,
38.7772

146.8489,
151.2794, 246.0553

■ 9.6429, 9.6264,
26.2800

182.2111,
187.9842, 297.8028

■ 5.2232, 5.1519,
16.8056

222.8382,
230.1920, 356.3400

■ 2.4149, 2.3367,
9.9355

269.0955,

■ 0.8526, 0.7930,

278.2874, 422.0855

5.2511

321.3483,
332.6547, 495.4578

■ 0.0000, 0.0000,
2.3341

■ 0.0000, 0.0000,
0.7502

■ 50.7413, 51.8037,
98.5915

■ 50.7413, 51.8037,
98.5915

■ 42.7388, 42.5679,
97.2315

■ 60.1795, 62.4007,
100.1404

■ 36.0916, 34.6279,
96.0493

■ 71.1174, 74.4084,
101.8816

■ 30.7192, 27.9214,
95.0380

■ 83.6214, 87.8810,
103.8231

■ 26.5294, 22.3776,
94.1887

■ 94.4128, 99.7451,
105.5443

■ 23.4160, 17.9172,
93.4919

■ 21.2503, 14.4469,
92.9362

■ 20.5574, 13.2544,
92.7425

Harmonies

Analogous

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



44.6341, 51.8037, 94.9985



50.7413, 51.8037, 98.5915



56.9411, 51.8037, 89.0913

Triad

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



50.7413, 51.8037, 98.5915



59.6167, 51.8037, 37.9025



38.8545, 51.8037, 43.8535

Complementary

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



50.7413, 51.8037, 98.5915



72.0742, 74.7964, 44.3584

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.



42.2627, 51.8037, 32.8872



50.7413, 51.8037, 98.5915



54.1478, 51.8037, 30.0010

Square

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



50.7413, 51.8037, 98.5915



62.3424, 51.8037, 52.2493



47.7644, 51.8037, 28.3852



38.1118, 51.8037, 60.7763

Rectangle

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



50.7413, 51.8037, 98.5915



60.1778, 51.8037, 77.6038



47.7644, 51.8037, 28.3852



39.7113, 51.8037, 39.4684

Sweetspot

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



50.7430, 51.8057, 98.5927



79.7947, 83.7067, 106.5591



62.0486, 81.7134, 79.8668



16.7070, 17.5148, 22.7501



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.



50.7430, 51.8057, 98.5927



46.4964, 46.6868, 101.1686



47.7262, 41.5128, 96.7650



16.7557, 17.5883, 21.8970



10.9248, 7.2052, 48.7885



1.1050, 0.8536, 4.5497

Inverse Universe

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



61.9339, 49.7622, 55.6330



59.8522, 44.9912, 49.7318



76.0236, 89.6593, 47.0191



17.4832, 17.3207, 19.1345



21.8064, 11.1383, 5.6887



2.0667, 1.0504, 0.7745

Previews

White Background



This preview shows how the XYZ color 50.7413, 51.8037, 98.5915 looks on a white background.

Color Contrast Check

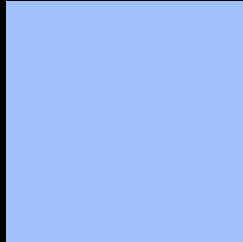
Large Text (above 18pt) WCAG AA × Fail

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 50.7413, 51.8037, 98.5915 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

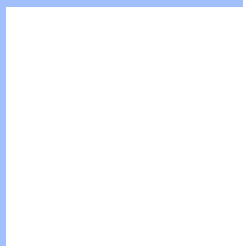
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7413, 51.8037, 98.5915

Background



This preview shows how black text looks on a background with the XYZ color 50.7413, 51.8037, 98.5915.



This preview shows how white text looks on a background with the XYZ color 50.7413, 51.8037,

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

50.7413, 51.8037, 98.5915

Protanopia

52.5377, 51.8047, 96.8528

Deuteranopia

53.0202, 51.6829, 99.2768



Tritanopia

45.2806, 51.9186, 71.2531

Trichromacy



Original Color

50.7413, 51.8037, 98.5915

Protanomaly

51.8151, 51.7323, 97.6969

Deuteranomaly

52.1315, 51.5408, 99.2962

Tritanomaly

46.8978, 51.5448, 80.1504

Monochromacy



Original Color

50.7413, 51.8037, 98.5915

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8875, 51.1641, 69.5864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7413, 51.8037, 98.5915 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(161, 191, 251)` looks like.

```
.text, #text, p{  
    color:rgb(161, 191, 251)  
}
```

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(161, 191, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 191, 251) }
```

Border

The CSS property to change the border of an element to XYZ 50.7413, 51.8037, 98.5915 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(161, 191, 251) }
```


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

```
.border{ border-color:rgb(161, 191, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 191, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 191, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 191, 251);  
box-shadow:4px 4px 4px 4px rgb(161, 191,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7413, 51.8037, 98.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 191, 251) }
```

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

```
.background{ background-color: rgb(161,  
191, 251) }
```

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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