

Converting Colors

XYZ(46.5715, 50.1278, 91.5564)

Have a look what the booklet for
XYZ(46.5715, 50.1278, 91.5564)
contains.

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Color

**XYZ(46.5537, 50.1298,
91.2268)**

Conversions

Conversions Part 1

Format	Color
Hex	91C0F2
RGB	145, 192, 242
RGB Percent	57%, 75%, 95%
CMY	0.4314, 0.2470, 0.0510
CMYK	0.40, 0.21, 0.00, 0.05
HSL	211°, 79%, 76%
HSV	211°, 40%, 95%
XYZ	46.5537, 50.1298, 91.2268
YIQ	183.6470, -44.0620, 5.5860

Conversions

Conversions Part 2

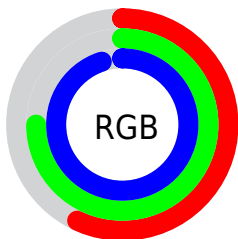
Format	Color
RYB	145, 177, 242
Decimal	9552114
CIELab	76.15, -3.06, -29.67
CIELCh	76, 29.826, 264.109
Yxy	50.1298, 0.2477, 0.2668
Android (android.graphics.Color)	4287742194 (0xFF91C0F2)
YUV	183.6470, 28.7680, -33.8934
Hunter-Lab	70.8024, -6.5376, -26.8317

Details

The XYZ color **46.5537, 50.1298, 91.2268** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.2451, 59.9531, 35.1339**, and the grayscale version is **45.2306, 47.5861, 51.8213**.

A 20% lighter version of the original color is **75.9745, 86.9114, 107.3790**, and **22.3120, 24.1841, 49.9464** is the 20% darker color. If you saturate the color by 10%, you get **40.1113, 42.9144, 90.1745**, and if you desaturate by 10%, it is **54.1398, 58.2816, 92.4013**.

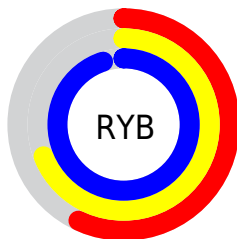
Distribution



Red (57%)

Green (75%)

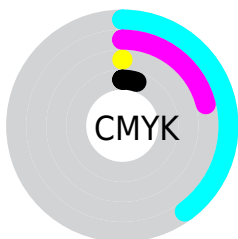
Blue (95%)



Red (57%)

Yellow (69%)

Blue (95%)

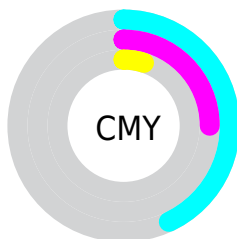


Cyan (40%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (43%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5537, 50.1298, 91.2268 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 46.5537, 50.1298, 91.2268 by changing the saturation by 10% instead.

■ 46.5537, 50.1298,
91.2268

■ 46.5537, 50.1298,
91.2268

363.7090,
387.1733, 552.6863

■ 32.8894, 35.5165,
68.4192

■ 84.2699, 90.3672,
150.9917

■ 22.2006, 24.0610,
49.7700

■ 109.0525,
116.7601, 188.7860

■ 14.1218, 15.3789,
34.8608

138.2719,
147.8483, 232.4130

■ 8.2877, 9.0857,
23.2730

172.2935,
184.0163, 282.2911

■ 4.3329, 4.7972,
14.5880

211.4827,
225.6484, 338.8390

■ 1.8922, 2.1287,
8.3874

256.2048,

■ 0.5723, 0.6807,

273.1290, 402.4751

4.2525

306.8251,
326.8425, 473.6180

■ 0.0000, 0.0000,
1.7649

■ 0.0000, 0.0000,
0.4046

■ 46.5537, 50.1298,
91.2268

■ 46.5537, 50.1298,
91.2268

■ 40.1113, 42.9144,
90.1745

■ 54.1398, 58.2816,
92.4013

■ 34.7436, 36.5881,
89.2364

■ 62.9232, 67.4023,
93.6989

■ 30.3816, 31.1075,
88.4084

■ 72.9598, 77.5300,
95.1247

■ 26.9446, 26.4220,
87.6851

■ 84.3005, 88.6983,
96.6827

■ 24.3378, 22.4728,
87.0603

■ 92.8278, 98.7922,
98.1816

■ 22.4188, 19.1940,
86.5285

■ 93.0272, 99.1909,
98.2480

Harmonies

Analogous

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



41.6272, 50.1298, 83.4666



46.5537, 50.1298, 91.2268



52.1672, 50.1298, 87.7247

Triad

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



46.5537, 50.1298, 91.2268



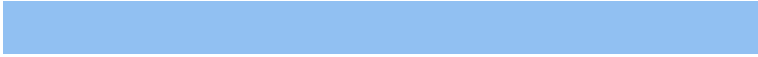
58.1312, 50.1298, 42.9643



39.4694, 50.1298, 38.4719

Complementary

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



46.5537, 50.1298, 91.2268



61.2451, 59.9531, 35.1339

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.



43.3955, 50.1298, 31.0571



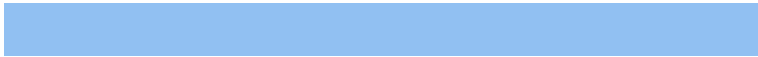
46.5537, 50.1298, 91.2268



54.2205, 50.1298, 33.2743

Square

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



46.5537, 50.1298, 91.2268



59.1413, 50.1298, 57.7990



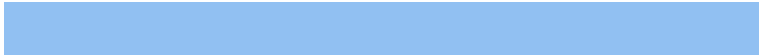
48.7570, 50.1298, 29.3592



37.7475, 50.1298, 51.4882

Rectangle

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



46.5537, 50.1298, 91.2268



55.5151, 50.1298, 79.7640



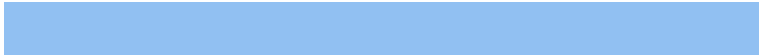
48.7570, 50.1298, 29.3592



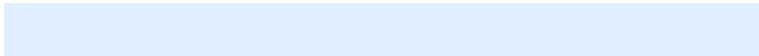
40.5596, 50.1298, 35.3521

Sweetspot

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



46.5554, 50.1317, 91.2280



79.8476, 84.9973, 106.8054



53.1121, 73.3978, 62.1145



16.7641, 17.8654, 22.8148



0.0000, 0.0000, 0.0000



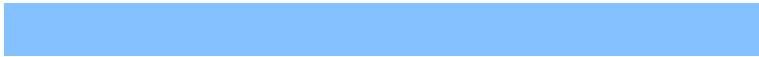
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5554, 50.1317, 91.2280



46.4892, 49.8328, 101.7762



37.8311, 32.6831, 88.3199



15.5294, 16.4929, 20.0866



12.1790, 10.5823, 46.5286



1.1124, 1.0788, 3.9038

Inverse Universe

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



56.2592, 42.9355, 55.1933



59.0771, 41.7274, 54.7561



73.4820, 84.4269, 39.2129



16.0919, 15.8865, 18.0402



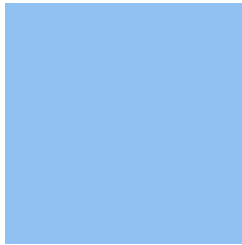
21.4730, 10.8616, 10.4075



1.8364, 0.9236, 1.1295

Previews

White Background



This preview shows how the XYZ color 46.5537, 50.1298, 91.2268 looks on a white background.

Color Contrast Check

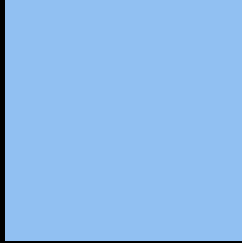
Large Text (above 18pt) WCAG AA × Fail

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 46.5537, 50.1298, 91.2268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

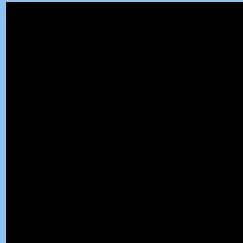
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

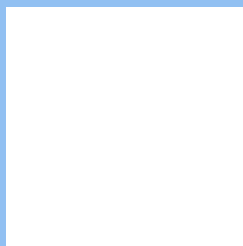
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5537, 50.1298, 91.2268

Background



This preview shows how black text looks on a background with the XYZ color 46.5537, 50.1298, 91.2268.



This preview shows how white text looks on a background with the XYZ color 46.5537, 50.1298,

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

46.5537, 50.1298, 91.2268

Protanopia

50.0906, 49.8110, 87.0952

Deuteranopia

51.1488, 49.9266, 92.5289



Tritanopia

42.2930, 50.0550, 70.3833

Trichromacy



Original Color

46.5537, 50.1298, 91.2268

Protanomaly

48.6675, 49.9850, 88.7444

Deuteranomaly

49.2578, 49.9042, 91.8303

Tritanomaly

43.7849, 49.9875, 77.8618

Monochromacy



Original Color

46.5537, 50.1298, 91.2268

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.3673, 48.4945, 64.7269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5537, 50.1298, 91.2268 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(145, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(145, 192, 242)  
}
```

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(145, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 192, 242) }
```

Border

The CSS property to change the border of an element to XYZ 46.5537, 50.1298, 91.2268 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(145, 192, 242) }
```


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

```
.border{ border-color:rgb(145, 192, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 192, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(145, 192,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5537, 50.1298, 91.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 192, 242) }
```

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

```
.background{ background-color: rgb(145,  
192, 242) }
```

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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