

Converting Colors

XYZ(48.1867, 53.4360, 92.4296)

Have a look what the booklet for
XYZ(48.1867, 53.4360, 92.4296)
contains.

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Color

**XYZ(48.1027, 53.2472,
92.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	90C7F3
RGB	144, 199, 243
RGB Percent	56%, 78%, 95%
CMY	0.4353, 0.2196, 0.0471
CMYK	0.41, 0.18, 0.00, 0.05
HSL	207°, 80%, 76%
HSV	207°, 41%, 95%
XYZ	48.1027, 53.2472, 92.5365
YIQ	187.5710, -46.9040, 2.0240

Conversions

Conversions Part 2

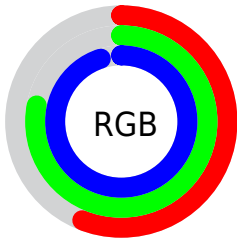
Format	Color
RYB	144, 179, 243
Decimal	9488371
CIELab	78.02, -6.81, -27.34
CIELCh	78, 28.174, 256.021
Yxy	53.2472, 0.2481, 0.2746
Android (android.graphics.Color)	4287678451 (0xFF90C7F3)
YUV	187.5710, 27.3265, -38.2118
Hunter-Lab	72.9707, -10.0304, -24.1081

Details

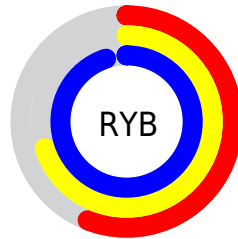
The XYZ color **48.1027, 53.2472, 92.5365** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.9807, 57.0361, 34.2351**, and the grayscale version is **47.4274, 49.8973, 54.3382**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **23.1195, 25.9134, 50.7970** is the 20% darker color. If you saturate the color by 10%, you get **41.9094, 46.4965, 91.5609**, and if you desaturate by 10%, it is **55.3893, 60.8255, 93.6162**.

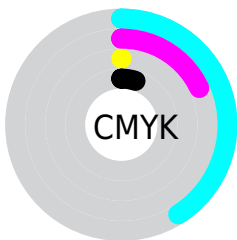
Distribution



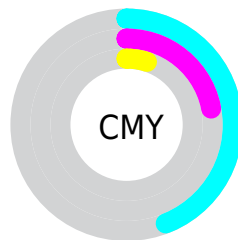
- Red (56%)
- Green (78%)
- Blue (95%)



- Red (56%)
- Yellow (70%)
- Blue (95%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1027, 53.2472, 92.5365 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 48.1027, 53.2472, 92.5365 by changing the saturation by 10% instead.

■ 48.1027, 53.2472,
92.5365

■ 48.1027, 53.2472,
92.5365

369.7749,
399.2328, 557.0295

■ 34.1198, 38.0001,
69.5008

■ 86.5661, 94.9680,
152.8229

■ 23.1490, 25.9828,
50.6454

■ 111.7773,
122.2106, 190.9107

■ 14.8249, 16.8108,
35.5517

141.4619,
154.2204, 234.8529

■ 8.7821, 10.0997,
23.8012

175.9854,
191.3820, 285.0681

■ 4.6553, 5.4651,
14.9754

215.7131,
234.0796, 341.9748

■ 2.0791, 2.5226,
8.6557

261.0103,

■ 0.6778, 0.8879,

282.6976, 405.9916

4.4236

312.2425,
337.6206, 477.5370

■ 0.0000, 0.0000,
1.8605

■ 0.0000, 0.0000,
0.4674

■ 48.1027, 53.2472,
92.5365

■ 48.1027, 53.2472,
92.5365

■ 41.9094, 46.4965,
91.5609

■ 55.3893, 60.8255,
93.6162

■ 36.7412, 40.5297,
90.6815

■ 63.8213, 69.2603,
94.7998

■ 32.5303, 35.3071,
89.8954

■ 73.4537, 78.5860,
96.0922

■ 29.1967, 30.7820,
89.1977

■ 84.3360, 88.8331,
97.4965

■ 26.6459, 26.8995,
88.5827

■ 92.5440, 97.9835,
98.8301

■ 24.8422, 23.7998,
88.0795

■ 93.1778, 99.2511,
99.0414

Harmonies

Analogous

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



43.6286, 53.2472, 82.5639



48.1027, 53.2472, 92.5365



53.5793, 53.2472, 92.1562

Triad

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



48.1027, 53.2472, 92.5365



61.4481, 53.2472, 50.0279



43.3880, 53.2472, 39.4176

Complementary

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



48.1027, 53.2472, 92.5365



59.9807, 57.0361, 34.2351

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.



47.7523, 53.2472, 33.5054



48.1027, 53.2472, 92.5365



58.2988, 53.2472, 38.8314

Square

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



48.1027, 53.2472, 92.5365



61.5590, 53.2472, 65.5903



53.2027, 53.2472, 33.3123



41.0427, 53.2472, 50.9772

Rectangle

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



48.1027, 53.2472, 92.5365



57.0744, 53.2472, 86.0244



53.2027, 53.2472, 33.3123



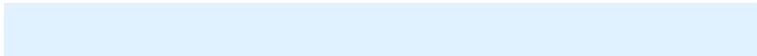
44.6529, 53.2472, 36.8036

Sweetspot

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



48.1044, 53.2492, 92.5378



80.4885, 86.2791, 107.0191



52.5126, 73.6153, 58.4008



16.9149, 18.1669, 22.8650



0.0000, 0.0000, 0.0000



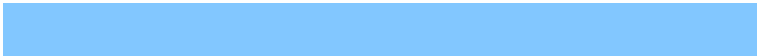
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1044, 53.2492, 92.5378



47.7948, 53.0321, 102.3249



38.6832, 34.4069, 89.3974



16.3447, 17.4536, 21.0500



13.7708, 13.3354, 48.3862



1.3127, 1.3769, 4.2868

Inverse Universe

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



57.2457, 43.1265, 59.3419



59.5925, 41.3838, 59.1649



72.1081, 81.2910, 38.2776



16.8845, 16.6367, 19.1386



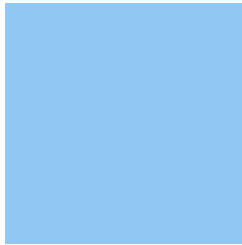
22.7554, 11.4456, 13.9521



2.0517, 1.0266, 1.4985

Previews

White Background



This preview shows how the XYZ color 48.1027, 53.2472, 92.5365 looks on a white background.

Color Contrast Check

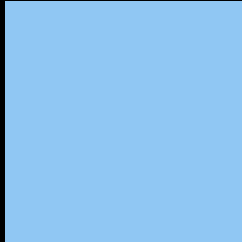
Large Text (above 18pt) WCAG AA × Fail

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 48.1027, 53.2472, 92.5365 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 48.1027, 53.2472, 92.5365

Background



This preview shows how black text looks on a background with the XYZ color 48.1027, 53.2472, 92.5365.



This preview shows how white text looks on a background with the XYZ color 48.1027, 53.2472,

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

48.1027, 53.2472, 92.5365

Protanopia

52.7556, 52.7651, 87.5249

Deuteranopia

54.2075, 53.0550, 93.7698



Tritanopia

44.6234, 53.2296, 74.9403

Trichromacy



Original Color

48.1027, 53.2472, 92.5365

Protanomaly

50.7984, 52.6968, 89.1555

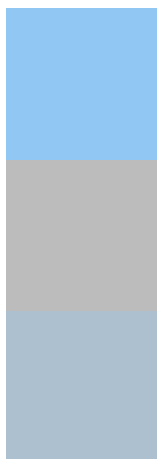
Deuteranomaly

51.7613, 53.1066, 93.1104

Tritanomaly

45.9393, 53.4179, 81.2882

Monochromacy



Original Color

48.1027, 53.2472, 92.5365

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2481, 51.0240, 67.0329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1027, 53.2472, 92.5365 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(144, 199, 243)` looks like.

```
.text, #text, p{  
    color:rgb(144, 199, 243)  
}
```

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(144, 199, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 199, 243) }
```

Border

The CSS property to change the border of an element to XYZ 48.1027, 53.2472, 92.5365 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(144, 199, 243) }
```


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

```
.border{ border-color:rgb(144, 199, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 199, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 199, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 199, 243);  
box-shadow:4px 4px 4px 4px rgb(144, 199,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1027, 53.2472, 92.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 199, 243) }
```

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

```
.background{ background-color: rgb(144,  
199, 243) }
```

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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