

Converting Colors

XYZ(48.9109, 51.4375, 92.5181)

Have a look what the booklet for
XYZ(48.9109, 51.4375, 92.5181)
contains.

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Color

**XYZ(48.7376, 51.2383,
92.1152)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC0F3
RGB	156, 192, 243
RGB Percent	61%, 75%, 95%
CMY	0.3882, 0.2470, 0.0471
CMYK	0.36, 0.21, 0.00, 0.05
HSL	215°, 78%, 78%
HSV	215°, 36%, 95%
XYZ	48.7376, 51.2383, 92.1152
YIQ	187.0500, -37.8270, 8.2290

Conversions

Conversions Part 2

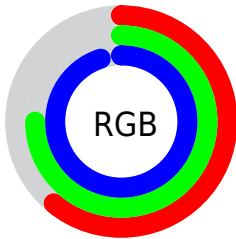
Format	Color
R _Y B	156, 181, 243
Decimal	10273011
CIE Lab	76.82, 0.10, -29.12
CIE LCh	77, 29.116, 270.200
Yxy	51.2383, 0.2537, 0.2667
Android (android.graphics.Color)	4288463091 (0xFF9CC0F3)
YUV	187.0500, 27.5834, -27.2308
Hunter-Lab	71.5809, -3.7306, -26.1917

Details

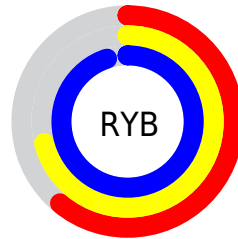
The XYZ color **48.7376, 51.2383, 92.1152** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.2767, 66.0815, 40.7687**, and the grayscale version is **47.1283, 49.5826, 53.9955**.

A 20% lighter version of the original color is **79.0580, 88.5009, 107.5233**, and **23.5691, 24.8198, 50.5622** is the 20% darker color. If you saturate the color by 10%, you get **41.5197, 43.0978, 90.9252**, and if you desaturate by 10%, it is **57.2022, 60.4732, 93.4525**.

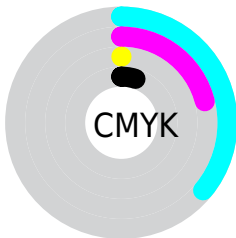
Distribution



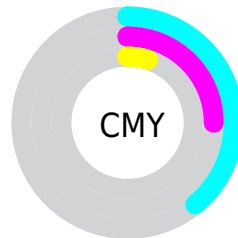
- Red (61%)
- Green (75%)
- Blue (95%)



- Red (61%)
- Yellow (71%)
- Blue (95%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7376, 51.2383, 92.1152 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 48.7376, 51.2383, 92.1152 by changing the saturation by 10% instead.

■ 48.7376, 51.2383,
92.1152

■ 48.7376, 51.2383,
92.1152

372.2425,
391.4889, 555.6344

■ 34.6250, 36.3983,
69.1528

■ 87.5047, 92.0069,
152.2341

■ 23.5393, 24.7420,
50.3636

■ 112.8899,
118.7043, 190.2277

■ 15.1151, 15.8849,
35.3292

142.7634,
150.1230, 234.0687

■ 8.9871, 9.4428,
23.6310

177.4906,
186.6473, 284.1757

■ 4.7898, 5.0311,
14.8504

217.4367,
228.6617, 340.9672

■ 2.1579, 2.2655,
8.5690

262.9671,

■ 0.7204, 0.7554,

276.5504, 404.8618

4.3682

314.4473,
330.6981, 476.2781

■ 0.0000, 0.0000,
1.8294

■ 0.0000, 0.0000,
0.4473

■ 48.7376, 51.2383,
92.1152

■ 48.7376, 51.2383,
92.1152

■ 41.5197, 43.0978,
90.9252

■ 57.2022, 60.4732,
93.4525

■ 35.4786, 35.9994,
89.8735

■ 66.9683, 70.8395,
94.9387

■ 30.5444, 29.8952,
88.9554

■ 78.0935, 82.3798,
96.5798

■ 26.6373, 24.7299,
88.1643

■ 90.6304, 95.1324,
98.3805

■ 23.6649, 20.4413,
87.4932

■ 93.1778, 99.2511,
99.0413

■ 21.5150, 16.9558,
86.9337

■ 20.7884, 15.6923,
86.7281

Harmonies

Analogous

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



43.6053, 51.2383, 86.6043



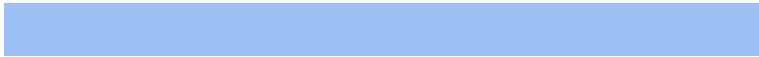
48.7376, 51.2383, 92.1152



54.2469, 51.2383, 86.4618

Triad

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



48.7376, 51.2383, 92.1152



58.4797, 51.2383, 41.8319



40.0446, 51.2383, 41.9840

Complementary

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



48.7376, 51.2383, 92.1152



65.2767, 66.0815, 40.7687

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.



43.5456, 51.2383, 33.3939



48.7376, 51.2383, 92.1152



54.1778, 51.2383, 33.3185

Square

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



48.7376, 51.2383, 92.1152



60.1251, 51.2383, 55.6835



48.6634, 51.2383, 30.5439



38.8233, 51.2383, 55.8962

Rectangle

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



48.7376, 51.2383, 92.1152



57.3343, 51.2383, 77.6390



48.6634, 51.2383, 30.5439



40.9801, 51.2383, 38.4803

Sweetspot

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



48.7393, 51.2403, 92.1164



80.4498, 85.0168, 106.7775



56.9941, 75.6630, 70.4733



16.8626, 17.8260, 22.8020



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.



48.7393, 51.2403, 92.1164



48.3594, 50.4128, 101.7896



43.2231, 38.0626, 89.8636



16.1444, 17.0532, 20.9833



11.5348, 8.8635, 47.6409



1.1126, 0.9766, 4.2201

Inverse Universe

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



58.3664, 46.6390, 55.7972



60.7925, 45.3674, 54.6836



72.5615, 84.2926, 43.8998



16.7835, 16.5962, 18.6064



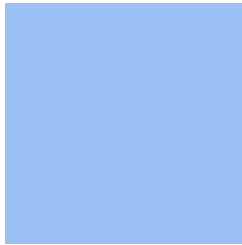
21.6268, 10.9941, 8.0089



1.9506, 0.9862, 0.9665

Previews

White Background



This preview shows how the XYZ color 48.7376, 51.2383, 92.1152 looks on a white background.

Color Contrast Check

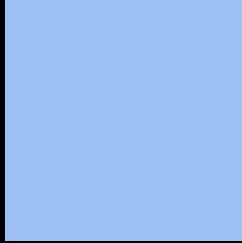
Large Text (above 18pt) WCAG AA × Fail

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 48.7376, 51.2383, 92.1152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

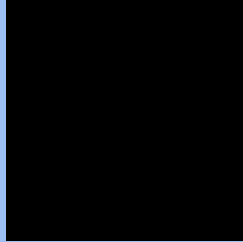
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

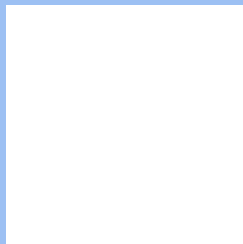
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7376, 51.2383, 92.1152

Background



This preview shows how black text looks on a background with the XYZ color 48.7376, 51.2383, 92.1152.



This preview shows how white text looks on a background with the XYZ color 48.7376, 51.2383,

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

48.7376, 51.2383, 92.1152

Protanopia

51.2548, 51.0027, 88.8045

Deuteranopia

52.2481, 51.1144, 92.7003



Tritanopia

44.3709, 51.1262, 70.4805

Trichromacy



Original Color

48.7376, 51.2383, 92.1152

Protanomaly

50.2880, 51.1215, 89.6550

Deuteranomaly

50.8899, 51.0441, 92.7583

Tritanomaly

45.9185, 51.0874, 77.9617

Monochromacy



Original Color

48.7376, 51.2383, 92.1152

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3646, 50.1303, 66.2112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7376, 51.2383, 92.1152 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(156, 192, 243)` looks like.

```
.text, #text, p{  
    color:rgb(156, 192, 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(156, 192, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 192, 243) }
```

Border

The CSS property to change the border of an element to XYZ 48.7376, 51.2383, 92.1152 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(156, 192, 243) }
```


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

```
.border{ border-color:rgb(156, 192, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 192, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 192, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 192, 243);  
box-shadow:4px 4px 4px 4px rgb(156, 192,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7376, 51.2383, 92.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 192, 243) }
```

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

```
.background{ background-color: rgb(156,  
192, 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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