

Converting Colors

XYZ(49.7395, 61.2379, 95.3301)

Have a look what the booklet for
XYZ(49.7395, 61.2379, 95.3301)
contains.

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Color

**XYZ(49.8390, 61.3932,
95.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	7ADB F5
RGB	122, 219, 245
RGB Percent	48%, 86%, 96%
CMY	0.5215, 0.1412, 0.0392
CMYK	0.50, 0.11, 0.00, 0.04
HSL	193°, 86%, 72%
HSV	193°, 50%, 96%
XYZ	49.8390, 61.3932, 95.6095
YIQ	192.9610, -66.1580, -12.4780

Conversions

Conversions Part 2

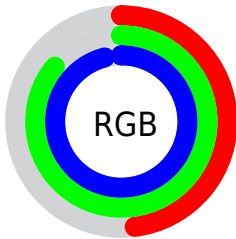
Format	Color
RYB	122, 176, 245
Decimal	8051701
CIELab	82.59, -21.76, -21.54
CIELCh	83, 30.617, 224.701
Yxy	61.3932, 0.2410, 0.2968
Android (android.graphics.Color)	4286241781 (0xFF7ADB5)
YUV	192.9610, 25.6552, -62.2328
Hunter-Lab	78.3538, -23.5796, -17.4996

Details

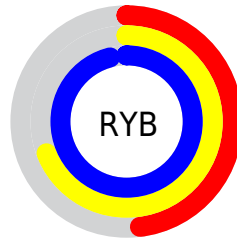
The XYZ color **49.8390, 61.3932, 95.6095** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **51.7604, 41.9989, 23.7927**, and the grayscale version is **50.5493, 53.1818, 57.9150**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **24.2644, 31.1548, 52.8787** is the 20% darker color. If you saturate the color by 10%, you get **45.4677, 57.1664, 95.0252**, and if you desaturate by 10%, it is **55.1305, 66.1594, 96.2517**.

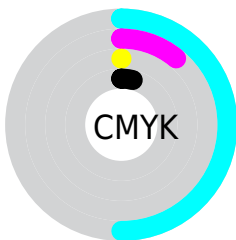
Distribution



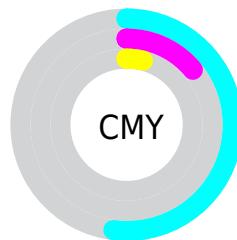
- Red (48%)
- Green (86%)
- Blue (96%)



- Red (48%)
- Yellow (69%)
- Blue (96%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (52%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.8390, 61.3932, 95.6095 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 49.8390, 61.3932, 95.6095 by changing the saturation by 10% instead.


 49.8390, 61.3932,
95.6095


 49.8390, 61.3932,
95.6095


376.4984,
429.7142, 567.1485


 35.5028, 44.5426,
72.0427


 89.1295, 106.8481,
157.1092

 24.2187, 31.0973,
52.7065


 114.8145,
136.2211, 195.8792

 15.6216, 20.6729,
37.1824

 145.0132,
170.5370, 240.5539

 9.3459, 12.8851,
25.0519

180.0908,
210.1802, 291.5520

 5.0264, 7.3495,
15.8963

220.4128,
255.5352, 349.2920

 2.2977, 3.6816,
9.2973

266.3445,

 0.7935, 1.4971,

306.9862, 414.1923

4.8361

318.2512,
364.9178, 486.6717

■ 0.0000, 0.2867,
2.0944

■ 0.0000, 0.0000,
0.6124

■ 49.8390, 61.3932,
95.6095

■ 49.8390, 61.3932,
95.6095

■ 45.4677, 57.1664,
95.0252

■ 55.1305, 66.1594,
96.2517

■ 41.9435, 53.4369,
94.4910

■ 61.3968, 71.4898,
96.9503

■ 39.1911, 50.1664,
94.0048

■ 68.6950, 77.4156,
97.7094

■ 37.1186, 47.3073,
93.5622

■ 77.0759, 83.9636,
98.5316

■ 35.5992, 44.8277,
93.1637

■ 86.5870, 91.1589,
99.4191

■ 91.9307, 96.2708,
100.1242

■ 93.4816, 99.3727,
100.6412

Harmonies

Analogous

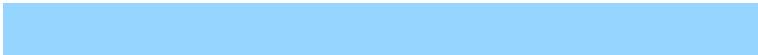
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.9834, 61.3932, 76.4389



49.8390, 61.3932, 95.6095



55.0875, 61.3932, 108.0911

Triad

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



49.8390, 61.3932, 95.6095



71.3828, 61.3932, 76.8374



55.2098, 61.3932, 37.6420

Complementary

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



49.8390, 61.3932, 95.6095



51.7604, 41.9989, 23.7927

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.



61.7438, 61.3932, 37.7085



49.8390, 61.3932, 95.6095



71.4217, 61.3932, 58.0927

Square

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



49.8390, 61.3932, 95.6095



67.6812, 61.3932, 95.9480



67.7839, 61.3932, 44.5222



49.9228, 61.3932, 44.3193

Rectangle

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



49.8390, 61.3932, 95.6095



59.3922, 61.3932, 109.6949



67.7839, 61.3932, 44.5222



57.3248, 61.3932, 36.9231

Sweetspot

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



49.8409, 61.3955, 95.6110



79.8258, 88.4030, 107.4640



45.9152, 71.5379, 38.8297



16.6759, 18.6004, 22.9613



0.0000, 0.0000, 0.0000



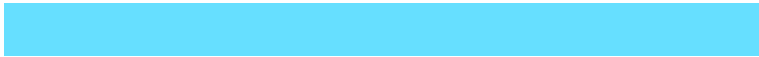
20.3446, 21.4041, 23.3091

Same Dimension

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



49.8409, 61.3955, 95.6110



49.8264, 62.6386, 104.0721



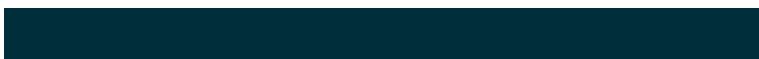
36.8902, 35.4941, 91.2940



16.6820, 18.1283, 21.1624



19.2820, 24.3578, 50.2233



1.7673, 2.2860, 4.4383

Inverse Universe

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



57.4036, 38.4479, 71.4159



59.2649, 36.0721, 73.4110



63.7508, 65.9799, 27.7896



17.0548, 16.7048, 20.0353



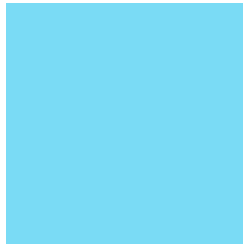
25.5372, 12.5583, 28.6008



2.2811, 1.1184, 2.7066

Previews

White Background



This preview shows how the XYZ color 49.8390, 61.3932, 95.6095 looks on a white background.

Color Contrast Check

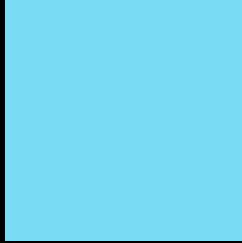
Large Text (above 18pt) WCAG AA × Fail

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 49.8390, 61.3932, 95.6095 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 49.8390, 61.3932, 95.6095

Background



This preview shows how black text looks on a background with the XYZ color 49.8390, 61.3932, 95.6095.



This preview shows how white text looks on a background with the XYZ color 49.8390, 61.3932,

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

49.8390, 61.3932, 95.6095

Protanopia

59.7604, 60.7945, 86.4267

Deuteranopia

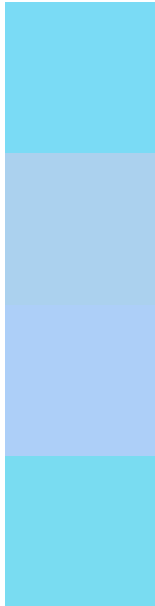
62.1103, 60.7047, 98.0661



Tritanopia

48.7715, 61.3525, 90.1606

Trichromacy



Original Color

49.8390, 61.3932, 95.6095

Protanomaly

55.0277, 60.4319, 89.6532

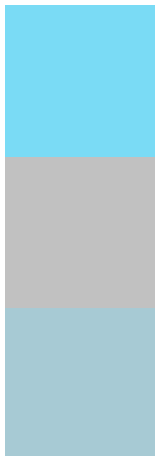
Deuteranomaly

56.4897, 60.2872, 97.4662

Tritanomaly

49.3555, 61.6022, 92.5082

Monochromacy



Original Color

49.8390, 61.3932, 95.6095

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

48.9405, 55.2100, 70.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8390, 61.3932, 95.6095 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(122, 219, 245)` looks like.

```
.text, #text, p{  
    color:rgb(122, 219, 245)  
}
```

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(122, 219, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 219, 245) }
```

Border

The CSS property to change the border of an element to XYZ 49.8390, 61.3932, 95.6095 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(122, 219, 245) }
```


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

```
.border{ border-color:rgb(122, 219, 245) }
```

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

Here you see how a box with a 4 pixel rgb(122, 219, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 219, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 219, 245);  
box-shadow:4px 4px 4px 4px rgb(122, 219,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8390, 61.3932, 95.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 219, 245) }
```

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

```
.background{ background-color: rgb(122,  
219, 245) }
```

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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