

Converting Colors

XYZ(10.5121, 11.2510, 33.7495)

Have a look what the booklet for
XYZ(10.5121, 11.2510, 33.7495)
contains.

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Color

**XYZ(10.5392, 11.2040,
33.9549)**

Conversions

Conversions Part 1

Format	Color
Hex	00629E
RGB	0, 98, 158
RGB Percent	0%, 38%, 62%
CMY	0.9999, 0.6157, 0.3804
CMYK	1.00, 0.38, 0.00, 0.38
HSL	203°, 100%, 31%
HSV	203°, 100%, 62%
XYZ	10.5392, 11.2040, 33.9549
YIQ	75.5380, -77.6680, -2.1160

Conversions

Conversions Part 2

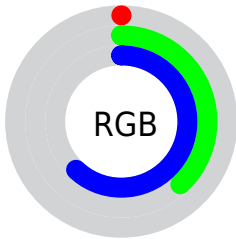
Format	Color
RYB	0, 60, 158
Decimal	25246
CIELab	39.92, -0.83, -39.21
CIELCh	40, 39.218, 268.785
Yxy	11.2040, 0.1892, 0.2012
Android (android.graphics.Color)	4278215326 (0xFF00629E)
YUV	75.5380, 40.6538, -66.2468
Hunter-Lab	33.4724, -2.3737, -36.7140

Details

The XYZ color **10.5392, 11.2040, 33.9549** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **15.7177, 10.5031, 1.1995**, and the grayscale version is **6.7251, 7.0753, 7.7050**.

A 20% lighter version of the original color is **26.4379, 27.9623, 66.9546**, and **3.8295, 3.4966, 14.1087** is the 20% darker color. If you saturate the color by 10%, you get **10.5387, 11.2027, 33.9549**, and if you desaturate by 10%, it is **11.3327, 12.4782, 34.1593**.

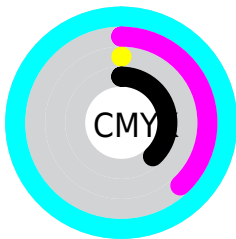
Distribution



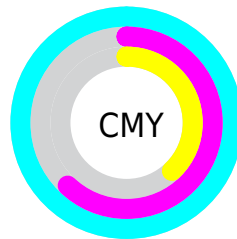
- Red (0%)
- Green (38%)
- Blue (62%)



- Red (0%)
- Yellow (24%)
- Blue (62%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5392, 11.2040, 33.9549 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 10.5392, 11.2040, 33.9549 by changing the saturation by 10% instead.

■ 10.5392, 11.2040,
33.9549

■ 10.5392, 11.2040,
33.9549

188.4526,
199.0618, 334.6939

■ 5.8229, 6.2042,
22.5819

■ 26.4454, 28.0368,
66.9966

■ 2.7773, 2.9697,
14.0827

■ 38.3661, 40.6386,
89.5024

■ 1.0371, 1.1159,
8.0388

■ 53.4189, 56.5432,
116.5562

■ 0.0000, 0.0000,
4.0316

■ 71.9692, 76.1349,
148.5765

■ 0.0000, 0.0000,
1.6427

■ 94.3823, 99.7983,
185.9819

■ 0.0000, 0.0000,
0.3210

■ 121.0237,

■ 0.0000, 0.0000,

127.9176, 229.1909

0.0000

152.2587,
160.8773, 278.6221

■ 10.5392, 11.2040,
33.9549

■ 10.5392, 11.2040,
33.9549

■ 10.5387, 11.2027,
33.9549

■ 11.3327, 12.4782,
34.1593

■ 12.3318, 13.9221,
34.3853

■ 13.6092, 15.5746,
34.6370

■ 15.1957, 17.4528,
34.9159

■ 17.1176, 19.5714,
35.2235

■ 19.3982, 21.9437,
35.5612

■ 22.0586, 24.5816,
35.9302

■ 25.1180, 27.4963,
36.3315

■ 28.5945, 30.6980,
36.7663

Harmonies

Analogous

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



8.1760, 11.2040, 29.8726



10.5392, 11.2040, 33.9549



13.3531, 11.2040, 30.4499

Triad

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



10.5392, 11.2040, 33.9549



15.8851, 11.2040, 6.3435



6.7936, 11.2040, 5.9964

Complementary

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



10.5392, 11.2040, 33.9549



15.7177, 10.5031, 1.1995

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.



8.3372, 11.2040, 3.2508



10.5392, 11.2040, 33.9549



13.5764, 11.2040, 3.3833

Square

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



10.5392, 11.2040, 33.9549



16.7369, 11.2040, 12.5177



10.7597, 11.2040, 2.5482



6.2519, 11.2040, 11.8862

Rectangle

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



10.5392, 11.2040, 33.9549



15.0572, 11.2040, 24.8712



10.7597, 11.2040, 2.5482



7.1981, 11.2040, 4.7847

Sweetspot

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



10.5397, 11.2043, 33.9552



39.7484, 44.3388, 65.2067



12.9896, 24.7590, 8.0902



8.5132, 9.5564, 14.6395



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



10.5397, 11.2043, 33.9552



18.9403, 19.9485, 61.5956



6.4416, 3.0082, 32.5892



6.6100, 7.0858, 8.4260



8.4791, 9.0498, 27.2071



0.1914, 0.2413, 0.4997

Inverse Universe

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



16.3056, 8.1515, 12.2695



29.5097, 14.7619, 21.7519



23.0374, 25.1425, 3.6394



6.7972, 6.7118, 7.7834



13.0781, 6.5358, 9.9281



0.2539, 0.1249, 0.2832

Previews

White Background



This preview shows how the XYZ color 10.5392, 11.2040, 33.9549 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 10.5392, 11.2040, 33.9549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

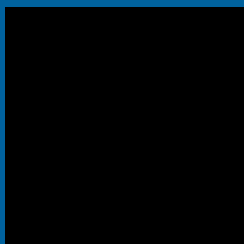
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5392, 11.2040, 33.9549

Background



This preview shows how black text looks on a background with the XYZ color 10.5392, 11.2040, 33.9549.



This preview shows how white text looks on a background with the XYZ color 10.5392, 11.2040,

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

10.5392, 11.2040, 33.9549

Protanopia

12.0204, 11.2234, 31.2385

Deuteranopia

11.5691, 11.3160, 34.3753



Tritanopia

7.9762, 11.2730, 17.0848

Trichromacy



Original Color

10.5392, 11.2040, 33.9549

Protanomaly

10.9176, 10.8964, 32.0996

Deuteranomaly

11.0060, 11.1603, 34.3750

Tritanomaly

8.7138, 11.0877, 22.4498

Monochromacy



Original Color

10.5392, 11.2040, 33.9549

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

6.9908, 8.0096, 14.8132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5392, 11.2040, 33.9549 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(0, 98, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 158)  
}
```

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(0, 98, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 158) }
```

Border

The CSS property to change the border of an element to XYZ 10.5392, 11.2040, 33.9549 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(0, 98, 158) }
```


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

```
.border{ border-color:rgb(0, 98, 158) }
```

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

Here you see how a box with a 4 pixel rgb(0, 98, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 158)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5392, 11.2040, 33.9549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 158) }
```

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

```
.background{ background-color: rgb(0, 98,  
158) }
```

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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