

Converting Colors

XYZ(11.5423, 6.0439, 32.8937)

Have a look what the booklet for
XYZ(11.5423, 6.0439, 32.8937)
contains.

XYZ(11.5393, 6.0431, 32.9060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5393, 6.0431,
32.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	60219E
RGB	96, 33, 158
RGB Percent	38%, 13%, 62%
CMY	0.6235, 0.8706, 0.3804
CMYK	0.39, 0.79, 0.00, 0.38
HSL	270°, 65%, 37%
HSV	270°, 79%, 62%
XYZ	11.5393, 6.0431, 32.9060
YIQ	66.0870, -2.5770, 52.2310

Conversions

Conversions Part 2

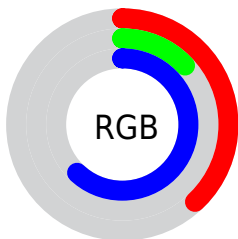
Format	Color
R _Y B	96, 33, 158
Decimal	6300062
CIE Lab	29.52, 51.37, -55.73
CIE LCh	30, 75.794, 312.668
Yxy	6.0431, 0.2286, 0.1197
Android (android.graphics.Color)	4284490142 (0xFF60219E)
YUV	66.0870, 45.3131, 26.2337
Hunter-Lab	24.5827, 40.7694, -62.1567

Details

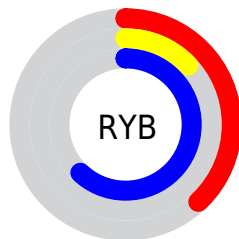
The XYZ color **11.5393, 6.0431, 32.9060** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **17.2204, 26.9963, 5.7420**, and the grayscale version is **5.1243, 5.3911, 5.8709**.

A 20% lighter version of the original color is **28.3350, 18.0274, 65.6046**, and **3.3865, 1.4513, 13.4662** is the 20% darker color. If you saturate the color by 10%, you get **10.4154, 4.9586, 32.7560**, and if you desaturate by 10%, it is **12.9518, 7.5820, 33.1287**.

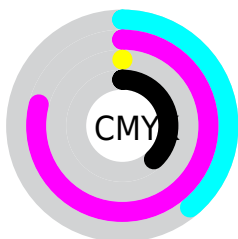
Distribution



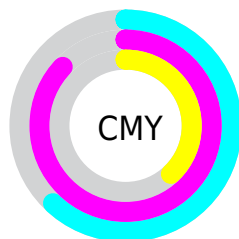
- Red (38%)
- Green (13%)
- Blue (62%)



- Red (38%)
- Yellow (13%)
- Blue (62%)



- Cyan (39%)
- Magenta (79%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (87%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5393, 6.0431, 32.9060 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 11.5393, 6.0431, 32.9060 by changing the saturation by 10% instead.

■ 11.5393, 6.0431,
32.9060

■ 11.5393, 6.0431,
32.9060

195.1639,
159.4576, 329.8450

■ 6.5008, 2.8713,
21.7839

■ 28.2774, 18.0205,
65.3431

■ 3.1954, 1.0649,
13.5014

■ 40.7077, 27.5949,
87.4951

■ 1.2579, 0.0000,
7.6400

■ 56.3326, 40.0722,
114.1609

■ 0.1514, 0.0000,
3.7810

■ 75.5175, 55.8370,
145.7590

■ 0.0000, 0.0000,
1.5060

■ 98.6277, 75.2735,
182.7079

■ 0.0000, 0.0000,
0.2224

■ 126.0286, 98.7662,

■ 0.0000, 0.0000,

225.4262

0.0000

158.0855,
126.6994, 274.3324

11.5393, 6.0431,
32.9060

11.5393, 6.0431,
32.9060

10.4154, 4.9586,
32.7560

12.9518, 7.5820,
33.1287

9.5230, 4.2189,
32.6603

14.6799, 9.6269,
33.4324

9.4492, 4.1583,
32.6525

16.7479, 12.2229,
33.8244

19.1771, 15.4097,
34.3115

21.9872, 19.2232,
34.8995

■ 25.1961, 23.6964,
35.5938

■ 28.8205, 28.8599,
36.3994

■ 32.8761, 34.7424,
37.3211

■ 37.3779, 41.3709,
38.3632

Harmonies

Analogous

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



7.3307, 6.0431, 48.2072



11.5393, 6.0431, 32.9060



14.7289, 6.0431, 14.0493

Triad

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



11.5393, 6.0431, 32.9060



7.9637, 6.0431, 0.0000



1.3896, 6.0431, 11.7085

Complementary

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



11.5393, 6.0431, 32.9060



17.2204, 26.9963, 5.7420

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.



1.4448, 6.0431, 2.3781



11.5393, 6.0431, 32.9060



4.4042, 6.0431, 0.0000

Square

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



11.5393, 6.0431, 32.9060



12.1599, 6.0431, 0.0000



2.3105, 6.0431, 0.0000



2.1080, 6.0431, 29.8015

Rectangle

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



11.5393, 6.0431, 32.9060



15.2886, 6.0431, 5.7317



2.3105, 6.0431, 0.0000



1.3304, 6.0431, 7.5079

Sweetspot

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



11.5396, 6.0433, 32.9062



42.5436, 38.5302, 63.9382



10.9362, 11.0667, 33.9076



9.1601, 8.0884, 14.3221



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.



11.5396, 6.0433, 32.9062



17.6545, 7.9729, 59.3519



20.8160, 10.8255, 33.3403



6.5874, 6.5913, 8.3317



7.6134, 3.3539, 26.1533



0.1849, 0.0851, 0.4699

Inverse Universe

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



16.7099, 9.1830, 11.7175



28.4068, 14.5001, 15.3912



13.1286, 24.8870, 5.5505



6.7633, 6.6983, 7.6048



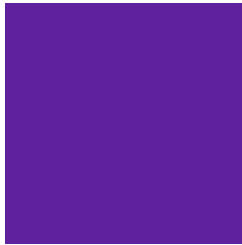
12.4248, 6.2745, 6.4881



0.2435, 0.1207, 0.2284

Previews

White Background



This preview shows how the XYZ color 11.5393, 6.0431, 32.9060 looks on a white background.

Color Contrast Check

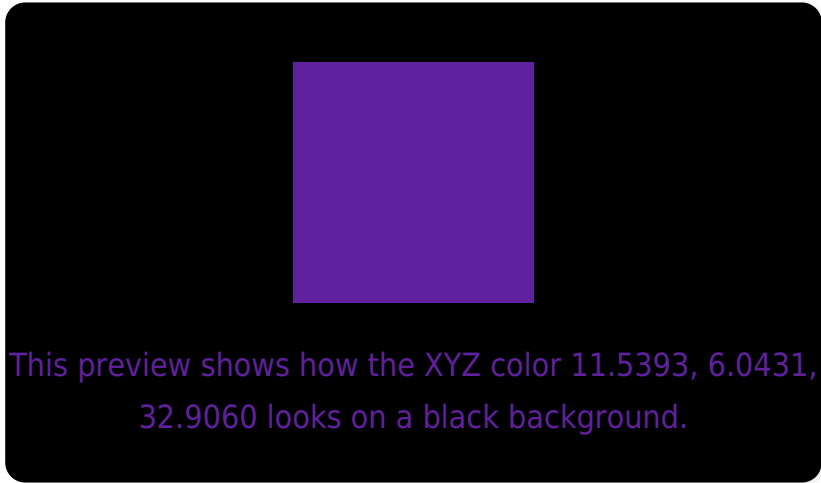
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

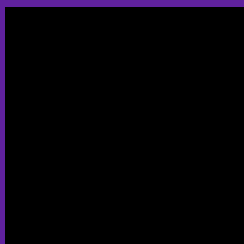
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5393, 6.0431, 32.9060

Background



This preview shows how black text looks on a background with the XYZ color 11.5393, 6.0431, 32.9060.



This preview shows how white text looks on a background with the XYZ color 11.5393, 6.0431, 32.9060.

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

11.5393, 6.0431, 32.9060

Protanopia

7.0250, 6.1174, 26.7971

Deuteranopia

5.9555, 6.0900, 19.9304



Tritanopia

6.3516, 6.1151, 7.1489

Trichromacy



Original Color

11.5393, 6.0431, 32.9060

Protanomaly

7.4046, 5.2278, 28.6358

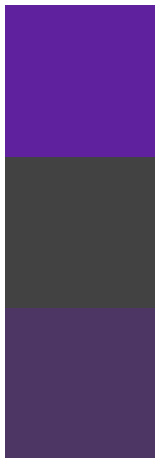
Deuteranomaly

6.6501, 5.1610, 23.9382

Tritanomaly

7.6112, 5.6631, 13.7886

Monochromacy



Original Color

11.5393, 6.0431, 32.9060

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

6.6319, 5.1170, 12.4425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5393, 6.0431, 32.9060 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(96, 33, 158)` looks like.

```
.text, #text, p{  
    color:rgb(96, 33, 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(96, 33, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 33, 158) }
```

Border

The CSS property to change the border of an element to XYZ 11.5393, 6.0431, 32.9060 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(96, 33, 158) }
```


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

```
.border{ border-color:rgb(96, 33, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 33, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 33, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 33, 158);  
box-shadow:4px 4px 4px 4px rgb(96, 33,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5393, 6.0431, 32.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 33, 158) }
```

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

```
.background{ background-color: rgb(96, 33,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor