

Converting Colors

XYZ(11.1550, 5.5622, 32.8786)

Have a look what the booklet for
XYZ(11.1550, 5.5622, 32.8786)
contains.

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Color

**XYZ(11.1353, 5.5436,
32.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	5E199E
RGB	94, 25, 158
RGB Percent	37%, 10%, 62%
CMY	0.6314, 0.9020, 0.3804
CMYK	0.41, 0.84, 0.00, 0.38
HSL	271°, 73%, 36%
HSV	271°, 84%, 62%
XYZ	11.1353, 5.5436, 32.8309
YIQ	60.7930, -1.5690, 55.9910

Conversions

Conversions Part 2

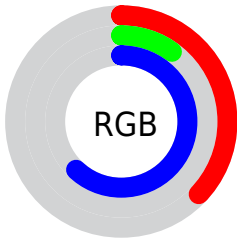
Format	Color
R_{YB}	94, 25, 158
Decimal	6166942
CIE _{Lab}	28.23, 54.01, -57.85
CIE _{LCh}	28, 79.145, 313.031
Yxy	5.5436, 0.2249, 0.1120
Android (android.graphics.Color)	4284357022 (0xFF5E199E)
YUV	60.7930, 47.9231, 29.1225
Hunter-Lab	23.5449, 43.2163, -66.1925

Details

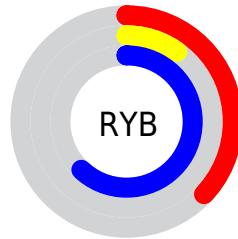
The XYZ color **11.1353, 5.5436, 32.8309** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **16.5221, 26.6478, 5.1925**, and the grayscale version is **4.3412, 4.5673, 4.9738**.

A 20% lighter version of the original color is **27.5113, 16.9310, 65.4363**, and **3.2429, 1.3772, 13.4595** is the 20% darker color. If you saturate the color by 10%, you get **10.1461, 4.6658, 32.7137**, and if you desaturate by 10%, it is **12.3925, 6.8426, 33.0155**.

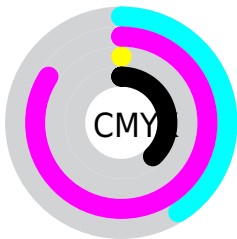
Distribution



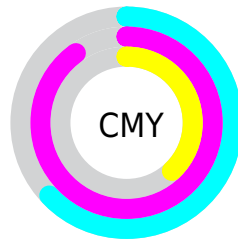
- Red (37%)
- Green (10%)
- Blue (62%)



- Red (37%)
- Yellow (10%)
- Blue (62%)



- Cyan (41%)
- Magenta (84%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (90%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1353, 5.5436, 32.8309 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 11.1353, 5.5436, 32.8309 by changing the saturation by 10% instead.

■ 11.1353, 5.5436,
32.8309

■ 11.1353, 5.5436,
32.8309

■ 192.4826,
154.9458, 329.4957

■ 6.2259, 2.5696,
21.7269

■ 27.5408, 16.9766,
65.2244

■ 3.0249, 0.9114,
13.4600

■ 39.7676, 26.2043,
87.3510

■ 1.1669, 0.0000,
7.6116

■ 55.1643, 38.2855,
113.9888

■ 0.0800, 0.0000,
3.7633

■ 74.0961, 53.6044,
145.5564

■ 0.0000, 0.0000,
1.4964

■ 96.9286, 72.5455,
182.4724


■ 0.0000, 0.0000,
0.2152


■ 124.0269, 95.4932,


■ 0.0000, 0.0000,


225.1552

0.0000

 155.7564,
122.8318, 274.0235

 11.1353, 5.5436,
32.8309


 11.1353, 5.5436,
32.8309


 10.1461, 4.6658,
32.7137


 12.3925, 6.8426,
33.0155

 9.6489, 4.2612,
32.6619

 13.9474, 8.6200,
33.2766

 15.8257, 10.9242,
33.6224

 18.0500, 13.7971,
34.0597

 20.6403, 17.2764,
34.5947

■ 23.6153, 21.3962,
35.2331

■ 26.9922, 26.1884,
35.9801

■ 30.7869, 31.6824,
36.8406

■ 35.0145, 37.9061,
37.8190

Harmonies

Analogous

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



6.8915, 5.5436, 49.0975



11.1353, 5.5436, 32.8309



14.3674, 5.5436, 13.3499

Triad

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



11.1353, 5.5436, 32.8309



7.4256, 5.5436, 0.0000



1.1130, 5.5436, 11.3426

Complementary

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



11.1353, 5.5436, 32.8309



16.5221, 26.6478, 5.1925

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.



1.1549, 5.5436, 2.0448



11.1353, 5.5436, 32.8309



3.9236, 5.5436, 0.0000

Square

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



11.1353, 5.5436, 32.8309



11.6686, 5.5436, 0.0000



1.9398, 5.5436, 0.0000



1.7806, 5.5436, 30.0872

Rectangle

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



11.1353, 5.5436, 32.8309



14.9138, 5.5436, 5.0958



1.9398, 5.5436, 0.0000



1.0573, 5.5436, 7.0854

Sweetspot

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



11.1356, 5.5438, 32.8310



42.1356, 37.8055, 63.8199



10.1686, 9.8674, 33.7166



9.0853, 7.9467, 14.2987



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.



11.1356, 5.5438, 32.8310



17.2903, 7.6188, 59.3027



20.4307, 10.3574, 32.2789



6.5965, 6.5960, 8.3322



7.7735, 3.4364, 26.1608



0.1877, 0.0866, 0.4700

Inverse Universe

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



16.2514, 8.6857, 10.2708



27.8774, 14.1090, 13.1561



12.8282, 24.7407, 5.1495



6.7593, 6.6967, 7.5837



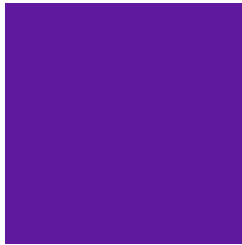
12.3584, 6.2479, 6.1383



0.2423, 0.1202, 0.2218

Previews

White Background



This preview shows how the XYZ color 11.1353, 5.5436, 32.8309 looks on a white background.

Color Contrast Check

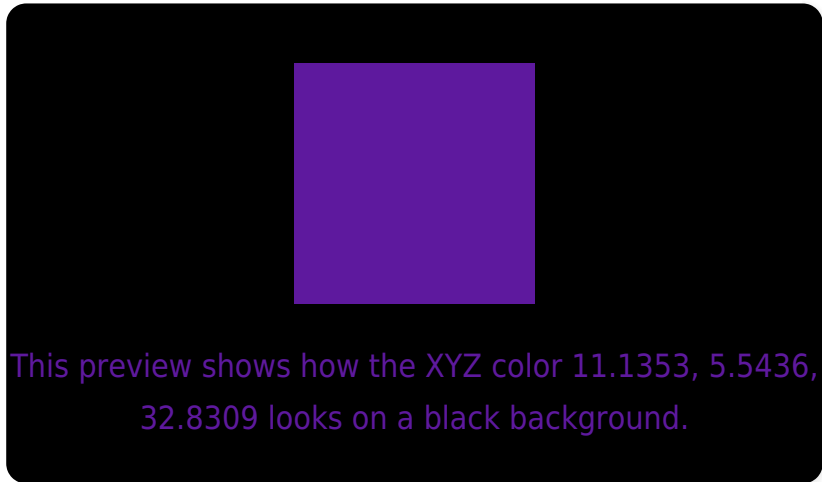
Large Text (above 18pt) WCAG AA ✓ Pass

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

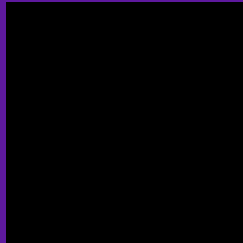
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1353, 5.5436, 32.8309

Background



This preview shows how black text looks on a background with the XYZ color 11.1353, 5.5436, 32.8309.



This preview shows how white text looks on a background with the XYZ color 11.1353, 5.5436,

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

11.1353, 5.5436, 32.8309

Protanopia

6.4777, 5.6156, 24.7873

Deuteranopia

5.5199, 5.7122, 18.2644



Tritanopia

5.8974, 5.7186, 6.5873

Trichromacy



Original Color

11.1353, 5.5436, 32.8309

Protanomaly

6.9111, 4.6656, 27.3244

Deuteranomaly

6.2125, 4.6719, 22.7646

Tritanomaly

7.0186, 5.0344, 13.1722

Monochromacy



Original Color

11.1353, 5.5436, 32.8309

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

5.9159, 4.3749, 11.5990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1353, 5.5436, 32.8309 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(94, 25, 158)` looks like.

```
.text, #text, p{  
    color:rgb(94, 25, 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(94, 25, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 25, 158) }
```

Border

The CSS property to change the border of an element to XYZ 11.1353, 5.5436, 32.8309 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(94, 25, 158) }
```


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

```
.border{ border-color:rgb(94, 25, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 25, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 25, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 25, 158);  
box-shadow:4px 4px 4px 4px rgb(94, 25,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1353, 5.5436, 32.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 25, 158) }
```

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

```
.background{ background-color: rgb(94, 25,  
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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