

Converting Colors

XYZ(19.1303, 9.3759, 53.1921)

Have a look what the booklet for
XYZ(19.1303, 9.3759, 53.1921)
contains.

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Color

**XYZ(19.1556, 9.3763,
53.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	7F1DC4
RGB	127, 29, 196
RGB Percent	50%, 11%, 77%
CMY	0.5019, 0.8863, 0.2314
CMYK	0.35, 0.85, 0.00, 0.23
HSL	275°, 74%, 44%
HSV	275°, 85%, 77%
XYZ	19.1556, 9.3763, 53.0247
YIQ	77.3400, 4.8010, 72.7130

Conversions

Conversions Part 2

Format	Color
RYB	127, 29, 196
Decimal	8330692
CIELab	36.70, 66.00, -66.49
CIElCh	37, 93.685, 314.787
Yxy	9.3763, 0.2349, 0.1150
Android (android.graphics.Color)	4286520772 (0xFF7F1DC4)
YUV	77.3400, 58.4994, 43.5518
Hunter-Lab	30.6207, 58.0790, -81.2356

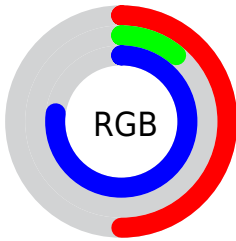
Details

The XYZ color **19.1556, 9.3763, 53.0247** is a dark color, and the websafe version is hex **9933CC**.

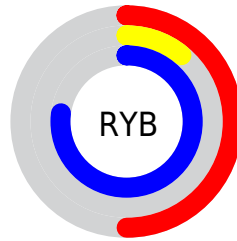
The color can be described as dark washed purple. A complement of this color would be **24.9986, 42.1653, 7.9836**, and the grayscale version is **7.0116, 7.3768, 8.0333**.

A 20% lighter version of the original color is **41.4694, 24.6148, 96.3314**, and **7.1916, 3.1520, 25.4287** is the 20% darker color. If you saturate the color by 10%, you get **17.6607, 8.1049, 52.8583**, and if you desaturate by 10%, it is **21.0535, 11.3082, 53.2978**.

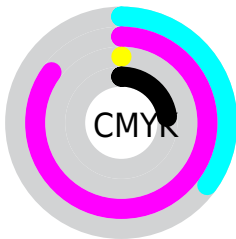
Distribution



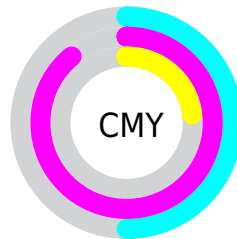
- Red (50%)
- Green (11%)
- Blue (77%)



- Red (50%)
- Yellow (11%)
- Blue (77%)



- Cyan (35%)
- Magenta (85%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (89%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1556, 9.3763, 53.0247 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 19.1556, 9.3763, 53.0247 by changing the saturation by 10% instead.

■ 19.1556, 9.3763,
53.0247

■ 19.1556, 9.3763,
53.0247

240.2281,
186.1608, 415.4489

■ 11.8874, 4.9874,
37.4346

■ 41.5117, 24.6156,
96.0826

■ 6.7387, 2.2399,
25.2458

■ 57.3304, 36.2348,
124.3876

■ 3.3441, 0.7416,
16.0396

■ 76.7299, 51.0329,
157.7679

■ 1.3382, 0.0000,
9.3975

■ 100.0756, 69.3943,
196.6421

■ 0.2116, 0.0000,
4.9010

■ 127.7330, 91.7034,
241.4288

■ 0.0000, 0.0000,
2.1316

■ 160.0673,

■ 0.0000, 0.0000,

118.3446, 292.5464

0.6345

197.4438,
149.7022, 350.4136

■ 0.0000, 0.0000,
0.0000

■ 19.1556, 9.3763,
53.0247

■ 19.1556, 9.3763,
53.0247

■ 17.6607, 8.1049,
52.8583

■ 21.0535, 11.3082,
53.2978

■ 17.0369, 7.6318,
52.7999

■ 23.4053, 14.0016,
53.6937

■ 26.2550, 17.5402,
54.2265

■ 29.6400, 21.9962,
54.9082

■ 33.5940, 27.4339,
55.7494

■ 38.1477, 33.9117,
56.7597

■ 43.3293, 41.4832,
57.9481

■ 49.1651, 50.1983,
59.3227

■ 55.6799, 60.1039,
60.8913

Harmonies

Analogous

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



12.0329, 9.3763, 81.2991



19.1556, 9.3763, 53.0247



24.3487, 9.3763, 20.9401

Triad

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



19.1556, 9.3763, 53.0247



12.1298, 9.3763, 0.0000



1.9368, 9.3763, 20.5766

Complementary

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



19.1556, 9.3763, 53.0247



24.9986, 42.1653, 7.9836

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.



1.9444, 9.3763, 3.9624



19.1556, 9.3763, 53.0247



6.3834, 9.3763, 0.0000

Square

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



19.1556, 9.3763, 53.0247



19.2522, 9.3763, 0.0000



3.1822, 9.3763, 0.0000



3.1532, 9.3763, 52.5290

Rectangle

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



19.1556, 9.3763, 53.0247



25.0350, 9.3763, 7.7939



3.1822, 9.3763, 0.0000



1.8211, 9.3763, 13.0781

Sweetspot

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



19.1561, 9.3766, 53.0249



68.0537, 59.9161, 102.5859



14.8931, 13.0918, 53.9667



13.9281, 11.9113, 21.8150



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.



19.1561, 9.3766, 53.0249



30.5624, 13.6704, 95.6356



31.6566, 15.9954, 45.7203



10.0820, 10.0334, 12.6901



11.0467, 4.9552, 33.9308



0.5541, 0.2537, 1.4696

Inverse Universe

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



25.4089, 13.4964, 12.8207



43.8081, 22.2872, 15.4534



20.6813, 39.9150, 8.8920



10.2419, 10.1454, 11.3643



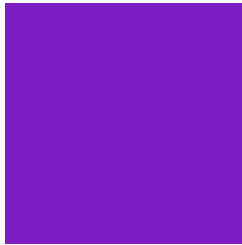
15.6219, 7.9385, 5.9211



0.7092, 0.3567, 0.4362

Previews

White Background



This preview shows how the XYZ color 19.1556, 9.3763, 53.0247 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



This preview shows how the XYZ color 19.1556, 9.3763, 53.0247 looks on a 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 19.1556, 9.3763, 53.0247

Background



This preview shows how black text looks on a background with the XYZ color 19.1556, 9.3763, 53.0247.



This preview shows how white text looks on a background with the XYZ color 19.1556, 9.3763,

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

19.1556, 9.3763, 53.0247

Protanopia

11.1061, 9.5150, 42.8462

Deuteranopia

9.3221, 9.4447, 31.4687



Tritanopia

10.4922, 9.4734, 10.0796

Trichromacy



Original Color

19.1556, 9.3763, 53.0247



Protanomaly

11.6118, 7.7083, 46.2232



Deuteranomaly

10.2953, 7.4597, 38.4334



Tritanomaly

12.3741, 8.4213, 20.7119

Monochromacy



Original Color

19.1556, 9.3763, 53.0247



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

9.7253, 7.0207, 18.6118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1556, 9.3763, 53.0247 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(127, 29, 196)` looks like.

```
.text, #text, p{  
    color:rgb(127, 29, 196)  
}
```

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(127, 29, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 29, 196) }
```

Border

The CSS property to change the border of an element to XYZ 19.1556, 9.3763, 53.0247 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(127, 29, 196) }
```


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

```
.border{ border-color:rgb(127, 29, 196) }
```

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

Here you see how a box with a 4 pixel rgb(127, 29, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 29, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 29, 196);  
box-shadow:4px 4px 4px 4px rgb(127, 29,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1556, 9.3763, 53.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 29, 196) }
```

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

```
.background{ background-color: rgb(127, 29,  
196) }
```

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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