

Converting Colors

XYZ(19.6051, 10.7131, 53.2591)

Have a look what the booklet for
XYZ(19.6051, 10.7131, 53.2591)
contains.

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Color

**XYZ(19.6051, 10.7131,
53.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	7D33C4
RGB	125, 51, 196
RGB Percent	49%, 20%, 77%
CMY	0.5098, 0.8000, 0.2314
CMYK	0.36, 0.74, 0.00, 0.23
HSL	271°, 59%, 48%
HSV	271°, 74%, 77%
XYZ	19.6051, 10.7131, 53.2591
YIQ	89.6560, -2.4410, 60.7830

Conversions

Conversions Part 2

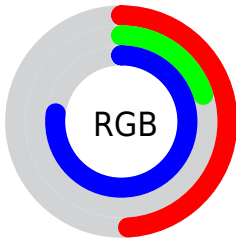
Format	Color
R _{YB}	125, 51, 196
Decimal	8205252
CIE _{Lab}	39.09, 57.95, -62.59
CIE _{LCh}	39, 85.304, 312.796
Y _{xy}	10.7131, 0.2346, 0.1282
Android (android.graphics.Color)	4286395332 (0xFF7D33C4)
Y _{UV}	89.6560, 52.4276, 30.9967
Hunter-Lab	32.7309, 49.6387, -73.5640

Details

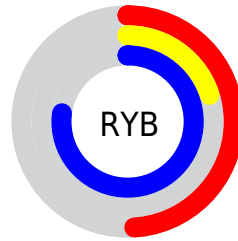
The XYZ color **19.6051, 10.7131, 53.2591** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **28.3632, 43.8564, 10.1022**, and the grayscale version is **9.5289, 10.0251, 10.9173**.

A 20% lighter version of the original color is **42.3681, 27.1237, 96.7683**, and **7.1225, 3.1164, 25.4254** is the 20% darker color. If you saturate the color by 10%, you get **17.5882, 8.6590, 52.9692**, and if you desaturate by 10%, it is **22.1192, 13.5591, 53.6762**.

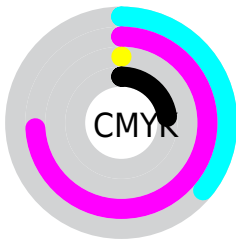
Distribution



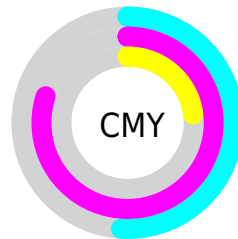
- Red (49%)
- Green (20%)
- Blue (77%)



- Red (49%)
- Yellow (20%)
- Blue (77%)



- Cyan (36%)
- Magenta (74%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (80%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6051, 10.7131, 53.2591 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 19.6051, 10.7131, 53.2591 by changing the saturation by 10% instead.

■ 19.6051, 10.7131,
53.2591

■ 19.6051, 10.7131,
53.2591

242.6437,
195.6885, 416.3728

■ 12.2149, 5.8743,
37.6205

■ 42.2631, 27.1284,
96.4309

■ 6.9635, 2.7688,
25.3887

■ 58.2617, 39.4737,
124.8012

■ 3.4854, 1.0122,
16.1453

■ 77.8604, 55.0899,
158.2526

■ 1.4153, 0.0000,
9.4715

■ 101.4246, 74.3614,
197.2034

■ 0.2671, 0.0000,
4.9490

■ 129.3197, 97.6726,
242.0723

■ 0.0000, 0.0000,
2.1592

■ 161.9110,

■ 0.0000, 0.0000,

125.4079, 293.2778

0.6507

199.5639,
157.9518, 351.2385

■ 0.0000, 0.0000,
0.0000

■ 19.6051, 10.7131,
53.2591

■ 19.6051, 10.7131,
53.2591

■ 17.5882, 8.6590,
52.9692

■ 22.1192, 13.5591,
53.6762

■ 16.0142, 7.2962,
52.7891

■ 25.1730, 17.2788,
54.2332

■ 15.2229, 6.6967,
52.7151

■ 28.8055, 21.9442,
54.9422

■ 33.0514, 27.6196,
55.8139

■ 37.9422, 34.3634,
56.8578

■ 43.5073, 42.2294,
58.0828

■ 49.7741, 51.2679,
59.4971

■ 56.7683, 61.5257,
61.1084

■ 64.5142, 73.0474,
62.9241

Harmonies

Analogous

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



12.8113, 10.7131, 76.9843



19.6051, 10.7131, 53.2591



24.6733, 10.7131, 23.6477

Triad

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



19.6051, 10.7131, 53.2591



13.7852, 10.7131, 0.0000



2.7925, 10.7131, 20.1013

Complementary

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



19.6051, 10.7131, 53.2591



28.3632, 43.8564, 10.1022

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.



2.8857, 10.7131, 4.6199



19.6051, 10.7131, 53.2591



7.9403, 10.7131, 0.0000

Square

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



19.6051, 10.7131, 53.2591



20.5434, 10.7131, 0.6605



4.3988, 10.7131, 0.3361



4.0664, 10.7131, 48.6920

Rectangle

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



19.6051, 10.7131, 53.2591



25.5455, 10.7131, 10.1980



4.3988, 10.7131, 0.3361



2.6844, 10.7131, 13.2658

Sweetspot

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



19.6057, 10.7135, 53.2594



70.2969, 64.4383, 103.3405



18.4743, 18.9797, 54.9146



14.4867, 13.0101, 21.9976



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.



19.6057, 10.7135, 53.2594



29.9467, 13.9712, 95.7261



33.9127, 18.0890, 53.9289



10.0074, 9.9950, 12.6866



9.8810, 4.3543, 33.8763



0.5063, 0.2291, 1.4674

Inverse Universe

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



27.4616, 15.5086, 19.9575



46.3292, 23.9620, 26.6754



21.7028, 40.4229, 9.7905



10.2741, 10.1583, 11.5340



16.0264, 8.1003, 8.0512



0.7273, 0.3639, 0.5312

Previews

White Background



This preview shows how the XYZ color 19.6051, 10.7131, 53.2591 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 19.6051, 10.7131, 53.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

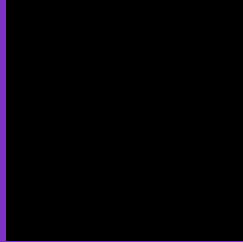
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.6051, 10.7131, 53.2591

Background



This preview shows how black text looks on a background with the XYZ color 19.6051, 10.7131, 53.2591.



This preview shows how white text looks on a background with the XYZ color 19.6051, 10.7131,

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

19.6051, 10.7131, 53.2591

Protanopia

12.6495, 10.7756, 48.9902

Deuteranopia

10.7930, 10.8648, 36.6502



Tritanopia

11.3358, 10.7909, 12.0751

Trichromacy



Original Color

19.6051, 10.7131, 53.2591



Protanomaly

13.0022, 9.3516, 50.4100



Deuteranomaly

11.7146, 9.2844, 42.2489



Tritanomaly

13.2949, 10.1156, 22.7245

Monochromacy



Original Color

19.6051, 10.7131, 53.2591



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

12.1404, 9.6374, 21.9892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6051, 10.7131, 53.2591 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(125, 51, 196)` looks like.

```
.text, #text, p{  
    color:rgb(125, 51, 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(125, 51, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 51, 196) }
```

Border

The CSS property to change the border of an element to XYZ 19.6051, 10.7131, 53.2591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

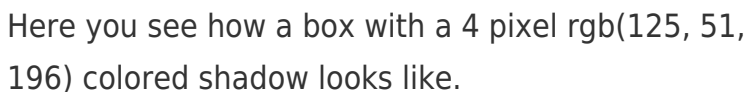
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 51, 196) }
```


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

```
.border{ border-color:rgb(125, 51, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 51, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 51, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 51, 196); box-shadow:4px 4px 4px 4px rgb(125, 51, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6051, 10.7131, 53.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 51, 196) }
```

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

```
.background{ background-color: rgb(125, 51,  
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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