

Converting Colors

XYZ(27.1691, 19.2686, 52.2378)

Have a look what the booklet for
XYZ(27.1691, 19.2686, 52.2378)
contains.

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Color

**XYZ(27.1155, 19.2252,
52.1509)**

Conversions

Conversions Part 1

Format	Color
Hex	9A61C0
RGB	154, 97, 192
RGB Percent	60%, 38%, 75%
CMY	0.3961, 0.6196, 0.2471
CMYK	0.20, 0.49, 0.00, 0.25
HSL	276°, 43%, 57%
HSV	276°, 49%, 75%
XYZ	27.1155, 19.2252, 52.1509
YIQ	124.8730, 3.4770, 41.6290

Conversions

Conversions Part 2

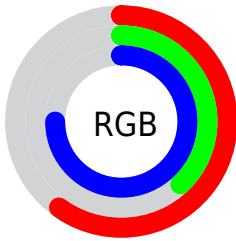
Format	Color
RYB	154, 97, 192
Decimal	10117568
CIELab	50.95, 40.58, -41.05
CIELCh	51, 57.720, 314.666
Yxy	19.2252, 0.2753, 0.1952
Android (android.graphics.Color)	4288307648 (0xFF9A61C0)
YUV	124.8730, 33.0936, 25.5444
Hunter-Lab	43.8466, 33.6562, -39.8267

Details

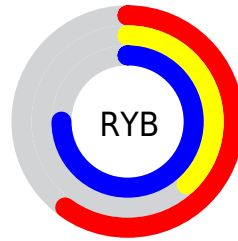
The XYZ color **27.1155, 19.2252, 52.1509** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **30.9996, 43.7138, 18.1138**, and the grayscale version is **19.3425, 20.3498, 22.1609**.

A 20% lighter version of the original color is **54.4247, 42.0361, 94.8678**, and **10.8595, 6.5773, 24.7419** is the 20% darker color. If you saturate the color by 10%, you get **24.1362, 15.3672, 51.5636**, and if you desaturate by 10%, it is **30.6191, 23.9916, 52.8866**.

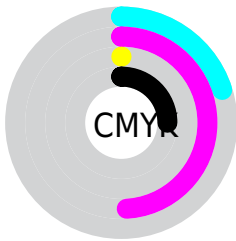
Distribution



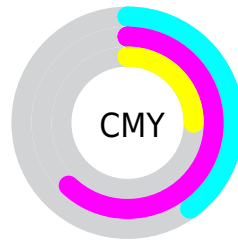
- Red (60%)
- Green (38%)
- Blue (75%)



- Red (60%)
- Yellow (38%)
- Blue (75%)



- Cyan (20%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1155, 19.2252, 52.1509 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 27.1155, 19.2252, 52.1509 by changing the saturation by 10% instead.

■ 27.1155, 19.2252,
52.1509

■ 27.1155, 19.2252,
52.1509

280.3733,
247.6892, 411.9924

■ 17.7970, 11.8331,
36.7423

■ 54.4877, 42.1143,
94.7826

■ 10.9032, 6.6301,
24.7138

■ 73.2722, 58.3801,
122.8428

■ 6.0686, 3.2319,
15.6469

■ 95.9427, 78.3726,
155.9572

■ 2.9279, 1.2540,
9.1230

■ 122.8646,
102.4761, 194.5445

■ 1.1157, 0.1051,
4.7236

154.4033,
131.0752, 239.0231

■ 0.0382, 0.0000,
2.0301

190.9240,

■ 0.0000, 0.0000,

164.5541, 289.8116

0.5737

232.7922,
203.2973, 347.3285

■ 0.0000, 0.0000,
0.0000

■ 27.1155, 19.2252,
52.1509

■ 27.1155, 19.2252,
52.1509

■ 24.1362, 15.3672,
51.5636

■ 30.6191, 23.9916,
52.8866

■ 21.6458, 12.3512,
51.1127

■ 34.6748, 29.7216,
53.7788

■ 19.6074, 10.1057,
50.7867

■ 39.3109, 36.4687,
54.8368

■ 17.9770, 8.5450,
50.5714

■ 44.5531, 44.2817,
56.0686

■ 16.6750, 7.5133,
50.4409

■ 50.4254, 53.2063,
57.4817

■ 16.6111, 7.4642,
50.4348

■ 56.9502, 63.2853,
59.0832

■ 64.1490, 74.5593,
60.8799

■ 72.0423, 87.0669,
62.8781

■ 75.7435, 91.0332,
63.4486

Harmonies

Analogous

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



21.1921, 19.2252, 68.3775



27.1155, 19.2252, 52.1509



31.0183, 19.2252, 30.3835

Triad

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



27.1155, 19.2252, 52.1509



21.3286, 19.2252, 2.9054



9.5857, 19.2252, 29.9327

Complementary

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



27.1155, 19.2252, 52.1509



30.9996, 43.7138, 18.1138

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.



9.6072, 19.2252, 13.6786



27.1155, 19.2252, 52.1509



15.6351, 19.2252, 2.8801

Square

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



27.1155, 19.2252, 52.1509



27.2332, 19.2252, 5.7085



11.5980, 19.2252, 5.6004



11.5314, 19.2252, 51.6769

Rectangle

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



27.1155, 19.2252, 52.1509



31.5248, 19.2252, 18.4809



11.5980, 19.2252, 5.6004



9.3784, 19.2252, 23.5929

Sweetspot

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



27.1162, 19.2260, 52.1513



75.1169, 71.8367, 100.2671



23.3315, 24.1211, 53.2957



15.6914, 14.7824, 21.4116



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.1162, 19.2260, 52.1513



43.5029, 27.5555, 93.3862



34.6739, 23.2208, 48.0482



10.0949, 10.0401, 12.6907



11.2672, 5.0689, 33.9412



0.5629, 0.2582, 1.4701

Inverse Universe

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



30.3867, 21.5059, 25.4720



50.6566, 32.4873, 37.5207



26.3256, 41.2594, 19.9193



10.2364, 10.1432, 11.3353



15.5603, 7.9139, 5.5968



0.7063, 0.3555, 0.4210

Previews

White Background



This preview shows how the XYZ color 27.1155, 19.2252, 52.1509 looks on a white background.

Color Contrast Check

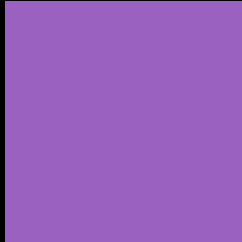
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.1155, 19.2252, 52.1509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

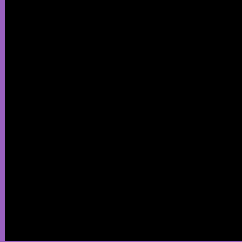
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1155, 19.2252, 52.1509

Background



This preview shows how black text looks on a background with the XYZ color 27.1155, 19.2252, 52.1509.



This preview shows how white text looks on a background with the XYZ color 27.1155, 19.2252,

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

27.1155, 19.2252, 52.1509

Protanopia

21.7888, 19.6526, 64.9323

Deuteranopia

19.9268, 19.3864, 49.7054



Tritanopia

20.9202, 19.3043, 21.3624

Trichromacy



Original Color

27.1155, 19.2252, 52.1509

Protanomaly

22.7673, 18.9025, 60.2062

Deuteranomaly

21.7895, 18.7732, 50.6193

Tritanomaly

22.7405, 19.0663, 30.4986

Monochromacy



Original Color

27.1155, 19.2252, 52.1509

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.7089, 19.6656, 31.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1155, 19.2252, 52.1509 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(154, 97, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 97, 192)  
}
```

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(154, 97, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 97, 192) }
```

Border

The CSS property to change the border of an element to XYZ 27.1155, 19.2252, 52.1509 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(154, 97, 192) }
```


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

```
.border{ border-color:rgb(154, 97, 192) }
```

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

Here you see how a box with a 4 pixel rgb(154, 97, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 97, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 97, 192);  
box-shadow:4px 4px 4px 4px rgb(154, 97,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1155, 19.2252, 52.1509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 97, 192) }
```

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

```
.background{ background-color: rgb(154, 97,  
192) }
```

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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