

Converting Colors

XYZ(25.7710, 14.7361, 55.4808)

Have a look what the booklet for
XYZ(25.7710, 14.7361, 55.4808)
contains.

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Color

**XYZ(25.7966, 14.7465,
55.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3FC7
RGB	156, 63, 199
RGB Percent	61%, 25%, 78%
CMY	0.3882, 0.7529, 0.2196
CMYK	0.22, 0.68, 0.00, 0.22
HSL	281°, 55%, 51%
HSV	281°, 68%, 78%
XYZ	25.7966, 14.7465, 55.5195
YIQ	106.3110, 11.7720, 62.0120

Conversions

Conversions Part 2

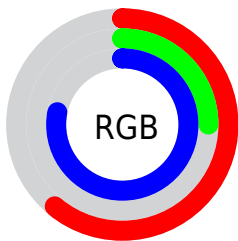
Format	Color
R _Y B	156, 63, 199
Decimal	10239943
CIE _{Lab}	45.29, 59.57, -54.12
CIE _{LCh}	45, 80.479, 317.744
Yxy	14.7465, 0.2685, 0.1535
Android (android.graphics.Color)	4288430023 (0xFF9C3FC7)
YUV	106.3110, 45.6957, 43.5773
Hunter-Lab	38.4012, 52.7082, -58.8393

Details

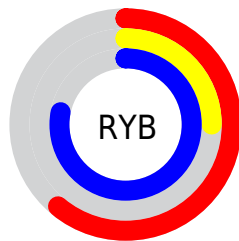
The XYZ color **25.7966, 14.7465, 55.5195** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **27.2649, 44.2702, 11.8112**, and the grayscale version is **13.6619, 14.3733, 15.6526**.

A 20% lighter version of the original color is **52.1428, 34.2387, 98.4682**, and **10.2896, 4.7229, 26.7549** is the 20% darker color. If you saturate the color by 10%, you get **23.7009, 12.3154, 55.1610**, and if you desaturate by 10%, it is **28.3548, 18.0075, 56.0144**.

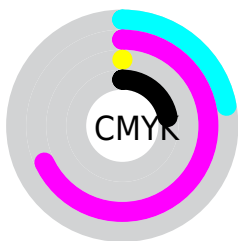
Distribution



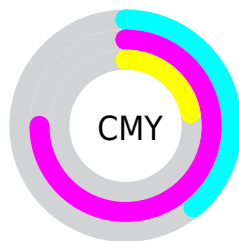
- Red (61%)
- Green (25%)
- Blue (78%)



- Red (61%)
- Yellow (25%)
- Blue (78%)



- Cyan (22%)
- Magenta (68%)
- Yellow (0%)
- Black (22%)





- Cyan (39%)
- Magenta (75%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7966, 14.7465, 55.5195 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 25.7966, 14.7465, 55.5195 by changing the saturation by 10% instead.


 25.7966, 14.7465,
55.5195


 25.7966, 14.7465,
55.5195

274.0572,
221.8267, 425.2155


 16.8034, 8.6417,
39.4164


 52.3803, 34.4078,
99.7805


 10.1889, 4.5082,
26.7735


 70.7015, 48.7332,
128.7754


 5.5876, 1.9617,
17.1723


 92.8627, 66.5674,
162.9047

 2.6342, 0.5851,
10.1941

 119.2294, 88.2950,
202.5869

 0.9634, 0.0000,
5.4206

 150.1668,
114.3003, 248.2405

 0.0000, 0.0000,
2.4331

186.0404,

 0.0000, 0.0000,

144.9678, 300.2841

0.8044

227.2154,
180.6818, 359.1363

■ 0.0000, 0.0000,
0.0000

■ 25.7966, 14.7465,
55.5195

■ 25.7966, 14.7465,
55.5195

■ 23.7009, 12.3154,
55.1610

■ 28.3548, 18.0075,
56.0144

■ 22.0196, 10.6215,
54.9226

■ 31.4130, 22.1743,
56.6574

■ 20.6820, 9.5243,
54.7813

■ 35.0068, 27.3158,
57.4605

■ 20.4755, 9.3647,
54.7614

■ 39.1677, 33.4939,
58.4336

■ 43.9246, 40.7651,
59.5864

■ 49.3044, 49.1818,
60.9274

■ 55.3321, 58.7929,
62.4649

■ 62.0315, 69.6445,
64.2064

■ 69.4248, 81.7803,
66.1591

Harmonies

Analogous

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



18.2941, 14.7465, 82.4766



25.7966, 14.7465, 55.5195



30.6315, 14.7465, 25.1713

Triad

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



25.7966, 14.7465, 55.5195



16.9151, 14.7465, 0.0000



5.0130, 14.7465, 30.0344

Complementary

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



25.7966, 14.7465, 55.5195



27.2649, 44.2702, 11.8112

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.



4.8547, 14.7465, 9.4598



25.7966, 14.7465, 55.5195



10.4631, 14.7465, 0.0998

Square

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



25.7966, 14.7465, 55.5195



24.5156, 14.7465, 1.3332



6.5118, 14.7465, 1.8641



7.0461, 14.7465, 61.3962

Rectangle

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



25.7966, 14.7465, 55.5195



30.9273, 14.7465, 11.6026



6.5118, 14.7465, 1.8641



4.7689, 14.7465, 21.5251

Sweetspot

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



25.7972, 14.7471, 55.5198



74.3248, 67.3925, 103.6985



17.5201, 15.5028, 56.1020



15.4051, 13.6541, 22.0735



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.



25.7972, 14.7471, 55.5198



39.9817, 19.9708, 96.3552



32.9776, 18.7562, 41.9612



10.7444, 10.6420, 13.4053



13.2602, 6.0701, 35.2171



0.7004, 0.3248, 1.6709

Inverse Universe

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



27.9326, 16.7382, 15.3948



45.1384, 24.3763, 17.6586



24.2324, 42.6074, 16.1656



10.7697, 10.6913, 11.7707



15.7561, 8.0520, 3.9254



0.7792, 0.3945, 0.3605

Previews

White Background



This preview shows how the XYZ color 25.7966, 14.7465, 55.5195 looks on a white background.

Color Contrast Check

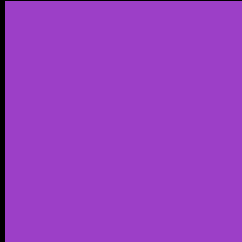
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7966, 14.7465, 55.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

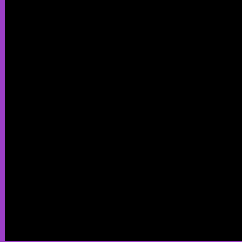
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7966, 14.7465, 55.5195

Background



This preview shows how black text looks on a background with the XYZ color 25.7966, 14.7465, 55.5195.



This preview shows how white text looks on a background with the XYZ color 25.7966, 14.7465,

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

25.7966, 14.7465, 55.5195

Protanopia

17.8686, 15.0679, 69.6768

Deuteranopia

15.3901, 14.9783, 50.7952



Tritanopia

17.4750, 14.8064, 14.5073

Trichromacy



Original Color

25.7966, 14.7465, 55.5195



Protanomaly

17.1434, 12.7681, 63.8483



Deuteranomaly

16.5947, 13.1242, 52.1107



Tritanomaly

19.4627, 14.1036, 25.3634

Monochromacy



Original Color

25.7966, 14.7465, 55.5195



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

16.7020, 13.4909, 26.5347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7966, 14.7465, 55.5195 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(156, 63, 199)` looks like.

```
.text, #text, p{  
    color:rgb(156, 63, 199)  
}
```

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(156, 63, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 63, 199) }
```

Border

The CSS property to change the border of an element to XYZ 25.7966, 14.7465, 55.5195 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(156, 63, 199) }
```


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

```
.border{ border-color:rgb(156, 63, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 63, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 63, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 63, 199);  
box-shadow:4px 4px 4px 4px rgb(156, 63,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7966, 14.7465, 55.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 63, 199) }
```

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

```
.background{ background-color: rgb(156, 63,  
199) }
```

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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