

Converting Colors

XYZ(50.5155, 26.0559, 96.9746)

Have a look what the booklet for
XYZ(50.5155, 26.0559, 96.9746)
contains.

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Color

**XYZ(50.5155, 26.0559,
96.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	E138FF
RGB	225, 56, 255
RGB Percent	88%, 22%, 100%
CMY	0.1176, 0.7804, 0.0000
CMYK	0.12, 0.78, 0.00, 0.00
HSL	291°, 100%, 61%
HSV	291°, 78%, 100%
XYZ	50.5155, 26.0559, 96.9746
YIQ	129.2170, 36.8450, 97.7170

Conversions

Conversions Part 2

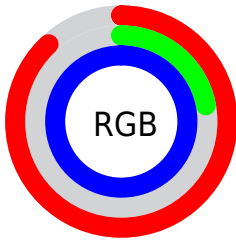
Format	Color
R _{YB}	225, 56, 255
Decimal	14760191
CIE _{Lab}	58.09, 85.66, -64.68
CIE _{LCh}	58, 107.336, 322.941
Y _{xy}	26.0559, 0.2911, 0.1501
Android (android.graphics.Color)	4292950271 (0xFFE138FF)
YUV	129.2170, 62.0110, 84.0017
Hunter-Lab	51.0450, 87.3197, -76.9069

Details

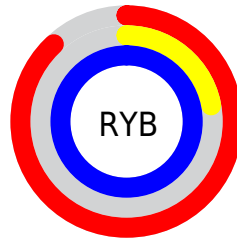
The XYZ color **50.5155, 26.0559, 96.9746** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **40.3122, 73.7843, 15.8595**, and the grayscale version is **20.7245, 21.8037, 23.7443**.

A 20% lighter version of the original color is **66.2495, 42.3991, 99.2998**, and **25.5951, 12.0306, 53.7964** is the 20% darker color. If you saturate the color by 10%, you get **48.3942, 23.5714, 96.6068**, and if you desaturate by 10%, it is **53.2943, 29.8133, 97.5534**.

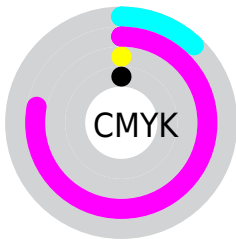
Distribution



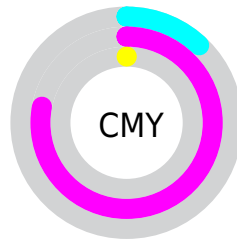
- Red (88%)
- Green (22%)
- Blue (100%)



- Red (88%)
- Yellow (22%)
- Blue (100%)



- Cyan (12%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5155, 26.0559, 96.9746 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 50.5155, 26.0559, 96.9746 by changing the saturation by 10% instead.


 50.5155, 26.0559,
96.9746


 50.5155, 26.0559,
96.9746

379.0972,
283.0564, 571.6123


 36.0426, 16.8655,
73.1736


 90.1255, 53.3651,
159.0088


 24.6374, 10.1386,
53.6252


 115.9933, 72.2527,
198.0790


 15.9344, 5.4910,
37.9110


 146.3901, 95.1414,
243.0760

 9.5683, 2.5381,
25.6123

 181.6813,
122.4157, 294.4184

 5.1737, 0.8957,
16.3107

 222.2323,
154.4600, 352.5247

 2.3854, 0.0000,
9.5875

268.4084,

 0.8378, 0.0000,

191.6586, 417.8134

5.0243

320.5749,
234.3959, 490.7031

■ 0.0000, 0.0000,
2.2026

■ 0.0000, 0.0000,
0.6758

■ 50.5155, 26.0559,
96.9746

■ 50.5155, 26.0559,
96.9746

■ 48.3942, 23.5714,
96.6068

■ 53.2943, 29.8133,
97.5534

■ 46.8131, 22.1286,
96.4117

■ 56.8117, 35.0085,
98.3708

■ 46.5344, 21.9042,
96.3830

■ 61.1400, 41.7850,
99.4506

■ 66.3420, 50.2679,
100.8138

72.4739, 60.5696,
102.4791

79.5873, 72.7932,
104.4635

87.7301, 87.0338,
106.7831

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



35.8297, 26.0559, 158.3353



50.5155, 26.0559, 96.9746



58.7324, 26.0559, 38.0973

Triad

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



50.5155, 26.0559, 96.9746



27.9624, 26.0559, 0.0000



8.1527, 26.0559, 66.3731

Complementary

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



50.5155, 26.0559, 96.9746



40.3122, 73.7843, 15.8595

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.



7.3305, 26.0559, 20.4584



50.5155, 26.0559, 96.9746



16.2514, 26.0559, 0.0915

Square

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



50.5155, 26.0559, 96.9746



43.0676, 26.0559, 1.0145



9.7049, 26.0559, 3.4126



12.5592, 26.0559, 132.2628

Rectangle

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



50.5155, 26.0559, 96.9746



57.9446, 26.0559, 15.1792



9.7049, 26.0559, 3.4126



7.5300, 26.0559, 47.5895

Sweetspot

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



50.5165, 26.0570, 96.9747



75.9307, 66.4795, 103.4376



23.2681, 15.2345, 96.3219



15.7161, 13.3113, 21.9910



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.



50.5165, 26.0570, 96.9747



47.3981, 22.6094, 96.4736



51.8040, 27.7488, 50.5817



18.5078, 18.1535, 22.7785



24.4171, 11.4980, 50.3670



2.4471, 1.1555, 4.9073

Inverse Universe

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



44.3345, 24.7610, 11.2479



42.0223, 21.8531, 5.1857



40.9252, 73.7745, 30.6054



18.1210, 18.0317, 19.2541



21.7685, 11.1967, 2.1653



2.1508, 1.1027, 0.3754

Previews

White Background



This preview shows how the XYZ color 50.5155, 26.0559, 96.9746 looks on a white background.

Color Contrast Check

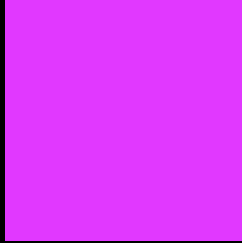
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5155, 26.0559, 96.9746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

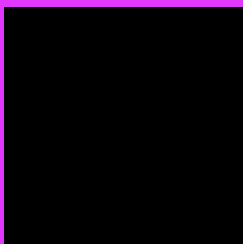
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

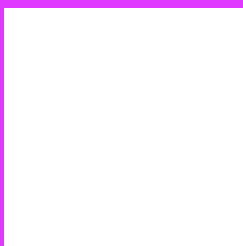
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5155, 26.0559, 96.9746

Background



This preview shows how black text looks on a background with the XYZ color 50.5155, 26.0559, 96.9746.



This preview shows how white text looks on a background with the XYZ color 50.5155, 26.0559,

96.9746.

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

50.5155, 26.0559, 96.9746

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

27.3555, 26.3904, 87.6565



Tritanopia

34.5781, 25.7253, 20.2825

Trichromacy



Original Color

50.5155, 26.0559, 96.9746



Protanomaly

32.6678, 22.5607, 97.2406



Deuteranomaly

29.9722, 21.7892, 90.6217



Tritanomaly

38.4556, 24.4356, 39.7355

Monochromacy



Original Color

50.5155, 26.0559, 96.9746



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

27.7991, 20.4904, 43.0473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5155, 26.0559, 96.9746 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(225, 56, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 56, 255)  
}
```

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(225, 56, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 56, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.5155, 26.0559, 96.9746 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(225, 56, 255) }
```


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

```
.border{ border-color:rgb(225, 56, 255) }
```

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

Here you see how a box with a 4 pixel rgb(225, 56, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 56, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 56, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 56,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5155, 26.0559, 96.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 56, 255) }
```

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

```
.background{ background-color: rgb(225, 56,  
255) }
```

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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