

Converting Colors

XYZ(26.9646, 25.2462, 35.3501)

Have a look what the booklet for
XYZ(26.9646, 25.2462, 35.3501)
contains.

XYZ(26.9646, 25.2462, 35.3501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9646, 25.2462,
35.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	97839D
RGB	151, 131, 157
RGB Percent	59%, 51%, 62%
CMY	0.4078, 0.4863, 0.3843
CMYK	0.04, 0.17, 0.00, 0.38
HSL	286°, 12%, 56%
HSV	286°, 17%, 62%
XYZ	26.9646, 25.2462, 35.3501
YIQ	139.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

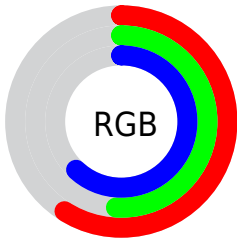
Format	Color
R_{YB}	151, 131, 157
Decimal	9929629
CIE _{Lab}	57.31, 12.53, -11.05
CIE _{LCh}	57, 16.709, 318.578
Yxy	25.2462, 0.3080, 0.2883
Android (android.graphics.Color)	4288119709 (0xFF97839D)
YUV	139.9440, 8.4086, 9.6961
Hunter-Lab	50.2456, 7.8633, -6.5413

Details

The XYZ color **26.9646, 25.2462, 35.3501** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.4711, 31.0716, 26.0762**, and the grayscale version is **24.8735, 26.1689, 28.4979**.

A 20% lighter version of the original color is **54.2010, 52.0136, 69.4703**, and **10.8743, 9.7845, 14.9511** is the 20% darker color. If you saturate the color by 10%, you get **24.3518, 21.0032, 34.6692**, and if you desaturate by 10%, it is **29.9191, 30.1411, 36.1396**.

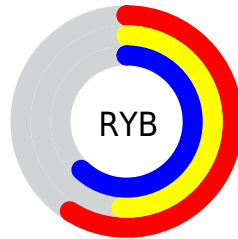
Distribution



Red (59%)

Green (51%)

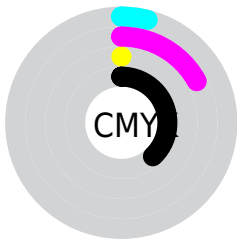
Blue (62%)



Red (59%)

Yellow (51%)

Blue (62%)

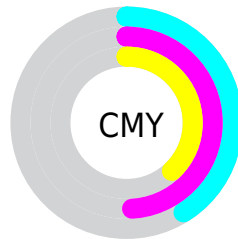


Cyan (4%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9646, 25.2462, 35.3501 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 26.9646, 25.2462, 35.3501 by changing the saturation by 10% instead.

■ 26.9646, 25.2462,
35.3501

■ 26.9646, 25.2462,
35.3501

279.6564,
279.0618, 341.0621

■ 17.6831, 16.2606,
23.6470

■ 54.2473, 52.0563,
69.1855

■ 10.8210, 9.7087,
14.8622

■ 72.9793, 70.6497,
92.1548

■ 6.0130, 5.2063,
8.5772

■ 95.5921, 93.2143,
119.7167

■ 2.8937, 2.3688,
4.3734

122.4511,
120.1348, 152.2895

■ 1.0978, 0.8098,
1.8323

153.9217,
151.7953, 190.2920

■ 0.0233, 0.0000,
0.4492

190.3692,

■ 0.0000, 0.0000,

188.5804, 234.1425

0.0000

232.1589,
230.8745, 284.2597

■ 26.9646, 25.2462,
35.3501

■ 26.9646, 25.2462,
35.3501

■ 24.3518, 21.0032,
34.6692

■ 29.9191, 30.1411,
36.1396

■ 22.0639, 17.3800,
34.0904

■ 33.2267, 35.7117,
37.0405

■ 20.0861, 14.3469,
33.6092

■ 36.9010, 41.9843,
38.0575

■ 18.4014, 11.8701,
33.2200

■ 40.9540, 48.9830,
39.1948

■ 16.9912, 9.9127,
32.9165

■ 45.3975, 56.7309,
40.4561

■ 15.8345, 8.4329,
32.6918

■ 50.2425, 65.2497,
41.8451

■ 14.9070, 7.3827,
32.5380

■ 55.4996, 74.5606,
43.3652

■ 14.1728, 6.6904,
32.4430

■ 60.6652, 83.6561,
44.8485

■ 13.9387, 6.4826,
32.4153

■ 61.5197, 84.0966,
44.8885

Harmonies

Analogous

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



25.2290, 25.2462, 39.1706



26.9646, 25.2462, 35.3501



27.9234, 25.2462, 29.7046

Triad

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



26.9646, 25.2462, 35.3501



24.7575, 25.2462, 18.1284



20.5656, 25.2462, 31.1101

Complementary

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



26.9646, 25.2462, 35.3501



26.4711, 31.0716, 26.0762

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.



20.4548, 25.2462, 25.3860



26.9646, 25.2462, 35.3501



22.8034, 25.2462, 18.3965

Square

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



26.9646, 25.2462, 35.3501



26.6032, 25.2462, 20.0981



21.2532, 25.2462, 20.8890



21.5645, 25.2462, 36.5000

Rectangle

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



26.9646, 25.2462, 35.3501



27.9597, 25.2462, 25.8948



21.2532, 25.2462, 20.8890



20.4254, 25.2462, 29.1470

Sweetspot

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



26.9654, 25.2473, 35.3506



54.4078, 55.3615, 64.9450



24.4020, 25.1710, 35.4710



11.8910, 12.0461, 14.2688



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.9654, 25.2473, 35.3506



46.4302, 42.1719, 62.8196



27.5321, 25.6059, 32.3743



6.7544, 6.6774, 8.3395



11.3540, 5.2822, 26.3284



0.2368, 0.1119, 0.4723

Inverse Universe

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



26.5371, 25.2079, 27.1350



45.5402, 42.1051, 45.0673



26.0005, 30.7729, 28.5899



6.6927, 6.6700, 7.2327



11.5670, 5.9314, 1.9707



0.2213, 0.1118, 0.1113

Previews

White Background



This preview shows how the XYZ color 26.9646, 25.2462, 35.3501 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 26.9646, 25.2462, 35.3501 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 26.9646, 25.2462, 35.3501

Background



This preview shows how black text looks on a background with the XYZ color 26.9646, 25.2462, 35.3501.



This preview shows how white text looks on a background with the XYZ color 26.9646, 25.2462,

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

26.9646, 25.2462, 35.3501

Protanopia

25.0515, 25.4511, 37.3104

Deuteranopia

25.6812, 25.2013, 34.9633



Tritanopia

25.8160, 25.1782, 29.8848

Trichromacy



Original Color

26.9646, 25.2462, 35.3501

Protanomaly

25.8244, 25.4415, 36.8073

Deuteranomaly

26.0653, 25.1951, 34.9418

Tritanomaly

26.2538, 25.1565, 31.9057

Monochromacy



Original Color

26.9646, 25.2462, 35.3501

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6356, 25.8959, 30.8414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9646, 25.2462, 35.3501 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(151, 131, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 131, 157)  
}
```

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(151, 131, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 131, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.9646, 25.2462, 35.3501 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(151, 131, 157) }
```


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

```
.border{ border-color:rgb(151, 131, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 131, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 131, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 131, 157); box-shadow:4px 4px 4px 4px rgb(151, 131, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9646, 25.2462, 35.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 131, 157) }
```

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

```
.background{ background-color: rgb(151,  
131, 157) }
```

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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