

Converting Colors

XYZ(26.9654, 21.1588, 34.5611)

Have a look what the booklet for
XYZ(26.9654, 21.1588, 34.5611)
contains.

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Color

**XYZ(26.9654, 21.1588,
34.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	A56C9D
RGB	165, 108, 157
RGB Percent	65%, 42%, 62%
CMY	0.3529, 0.5765, 0.3843
CMYK	0.00, 0.35, 0.05, 0.35
HSL	308°, 24%, 54%
HSV	308°, 35%, 65%
XYZ	26.9654, 21.1588, 34.5611
YIQ	130.6290, 18.2430, 27.3230

Conversions

Conversions Part 2

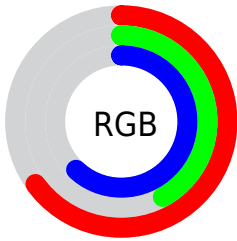
Format	Color
R _{YB}	165, 108, 157
Decimal	10841245
CIE _{Lab}	53.12, 30.60, -17.25
CIE _{LCh}	53, 35.128, 330.587
Yxy	21.1588, 0.3261, 0.2559
Android (android.graphics.Color)	4289031325 (0xFFFA56C9D)
YUV	130.6290, 13.0009, 30.1434
Hunter-Lab	45.9987, 24.1427, -12.3484

Details

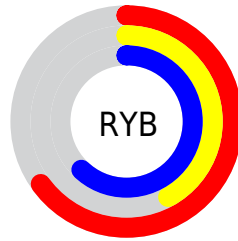
The XYZ color **26.9654, 21.1588, 34.5611** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7927, 31.3600, 21.3761**, and the grayscale version is **21.3924, 22.5065, 24.5096**.

A 20% lighter version of the original color is **54.2733, 45.2672, 68.1643**, and **10.8476, 7.6133, 14.5334** is the 20% darker color. If you saturate the color by 10%, you get **25.1915, 17.9240, 33.0036**, and if you desaturate by 10%, it is **29.0737, 25.0556, 36.2490**.

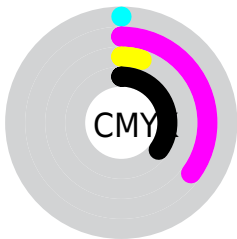
Distribution



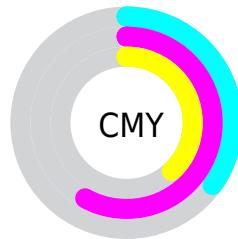
- Red (65%)
- Green (42%)
- Blue (62%)



- Red (65%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9654, 21.1588, 34.5611 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 26.9654, 21.1588, 34.5611 by changing the saturation by 10% instead.

 26.9654, 21.1588,
34.5611


 26.9654, 21.1588,
34.5611


279.6602,
258.1212, 337.4720


 17.6837, 13.2401,
23.0441


 54.2486, 45.3517,
67.9491


 10.8214, 7.5941,
14.4205


 72.9808, 62.3947,
90.6573

 6.0133, 3.8363,
8.2716


 95.5939, 83.2479,
117.9329

 2.8939, 1.5824,
4.1790

 122.4533,
108.2957, 150.1945

 1.0979, 0.3457,
1.7240

153.9242,
137.9226, 187.8607

 0.0234, 0.0000,
0.3771

190.3721,

 0.0000, 0.0000,

172.5129, 231.3500

0.0000

232.1623,
212.4509, 281.0809

■ 26.9654, 21.1588,
34.5611

■ 26.9654, 21.1588,
34.5611

■ 25.1915, 17.9240,
33.0036

■ 29.0737, 25.0556,
36.2490

■ 23.7313, 15.3112,
31.5689

■ 31.5317, 29.6460,
38.0718

■ 22.5651, 13.2803,
30.2505

■ 34.3559, 34.9628,
40.0354

■ 21.6698, 11.7854,
29.0405

■ 37.5613, 41.0361,
42.1448

■ 21.0191, 10.7737,
27.9302

■ 41.1622, 47.8941,
44.4050

■ 20.5808, 10.1812,
26.9087

■ 45.1720, 55.5636,
46.8204

■ 20.3878, 9.9476,
26.3742

■ 49.6033, 64.0702,
49.3955

■ 54.4686, 73.4383,
52.1343

■ 59.2975, 82.7275,
54.8803

Harmonies

Analogous

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



23.9519, 21.1588, 45.4020



26.9654, 21.1588, 34.5611



28.0953, 21.1588, 22.8302

Triad

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



26.9654, 21.1588, 34.5611



20.0380, 21.1588, 8.0817



14.5878, 21.1588, 35.0370

Complementary

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



26.9654, 21.1588, 34.5611



22.7927, 31.3600, 21.3761

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.



13.8035, 21.1588, 23.2477



26.9654, 21.1588, 34.5611



16.7040, 21.1588, 9.5746

Square

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



26.9654, 21.1588, 34.5611



23.8103, 21.1588, 9.4588



14.5290, 21.1588, 14.4120



16.8158, 21.1588, 45.7309

Rectangle

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



26.9654, 21.1588, 34.5611



27.5318, 21.1588, 16.5917



14.5290, 21.1588, 14.4120



14.1597, 21.1588, 30.9698

Sweetspot

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



26.9661, 21.1597, 34.5615



58.5935, 57.0818, 69.6849



19.3045, 17.1285, 37.8864



12.6653, 12.2076, 15.1333



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.9661, 21.1597, 34.5615



45.9449, 33.6031, 59.8629



24.8362, 20.3078, 23.3458



7.3214, 7.1850, 8.6788



15.4372, 7.5309, 20.0248



0.3354, 0.1626, 0.4786

Inverse Universe

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



26.9661, 21.1597, 34.5615



45.9449, 33.6031, 59.8629



24.6820, 32.1157, 31.3245



7.3214, 7.1850, 8.6788



15.4372, 7.5309, 20.0248



0.3354, 0.1626, 0.4786

Previews

White Background



This preview shows how the XYZ color 26.9654, 21.1588, 34.5611 looks on a white background.

Color Contrast Check

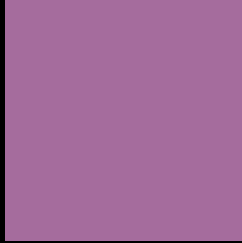
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9654, 21.1588, 34.5611 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 26.9654, 21.1588, 34.5611

Background



This preview shows how black text looks on a background with the XYZ color 26.9654, 21.1588, 34.5611.



This preview shows how white text looks on a background with the XYZ color 26.9654, 21.1588,

34.5611.

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

26.9654, 21.1588, 34.5611

Protanopia

21.7868, 21.4688, 41.0258

Deuteranopia

21.6446, 21.1840, 33.5200



Tritanopia

24.4038, 21.2686, 21.5579

Trichromacy



Original Color

26.9654, 21.1588, 34.5611

Protanomaly

23.0612, 20.8968, 38.4153

Deuteranomaly

23.2100, 20.8989, 33.8209

Tritanomaly

25.0676, 21.0190, 25.6575

Monochromacy



Original Color

26.9654, 21.1588, 34.5611

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.1443, 21.8990, 27.8180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9654, 21.1588, 34.5611 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(165, 108, 157)` looks like.

```
.text, #text, p{  
    color:rgb(165, 108, 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(165, 108, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 108, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.9654, 21.1588, 34.5611 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(165, 108, 157) }
```


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

```
.border{ border-color:rgb(165, 108, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 108, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 108, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 108, 157);  
box-shadow:4px 4px 4px 4px rgb(165, 108,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9654, 21.1588, 34.5611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 108, 157) }
```

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

```
.background{ background-color: rgb(165,  
108, 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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