

Converting Colors

XYZ(26.1964, 21.3361, 32.9800)

Have a look what the booklet for
XYZ(26.1964, 21.3361, 32.9800)
contains.

XYZ(26.1322, 21.2459, 32.8605)	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(26.1322, 21.2459,
32.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	A16F99
RGB	161, 111, 153
RGB Percent	63%, 44%, 60%
CMY	0.3686, 0.5647, 0.4000
CMYK	0.00, 0.31, 0.05, 0.37
HSL	310°, 21%, 53%
HSV	310°, 31%, 63%
XYZ	26.1322, 21.2459, 32.8605
YIQ	130.7380, 16.3180, 23.6620

Conversions

Conversions Part 2

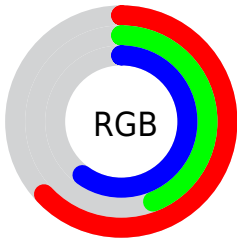
Format	Color
R_{YB}	161, 111, 153
Decimal	10579865
CIE _{Lab}	53.22, 26.77, -14.81
CIE _{LCh}	53, 30.597, 331.045
Yxy	21.2459, 0.3257, 0.2648
Android (android.graphics.Color)	4288769945 (0xFFA16F99)
YUV	130.7380, 10.9752, 26.5398
Hunter-Lab	46.0933, 20.5359, -10.0033

Details

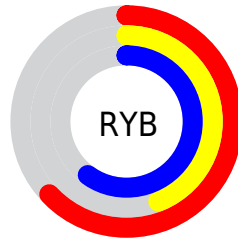
The XYZ color **26.1322, 21.2459, 32.8605** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6311, 30.2019, 22.0909**, and the grayscale version is **21.4387, 22.5551, 24.5625**.

A 20% lighter version of the original color is **52.6786, 45.2983, 64.9985**, and **10.3052, 7.5927, 13.4928** is the 20% darker color. If you saturate the color by 10%, you get **24.3210, 17.9600, 31.2184**, and if you desaturate by 10%, it is **28.2660, 25.1688, 34.6333**.

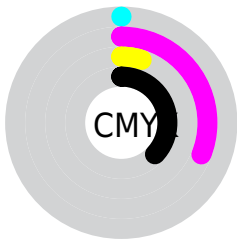
Distribution



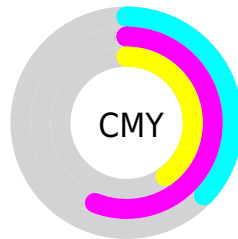
- Red (63%)
- Green (44%)
- Blue (60%)



- Red (63%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (37%)





- Cyan (37%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1322, 21.2459, 32.8605 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 26.1322, 21.2459, 32.8605 by changing the saturation by 10% instead.

 26.1322, 21.2459,
32.8605


 26.1322, 21.2459,
32.8605


275.6752,
258.5824, 329.6334

 17.0558, 13.3039,
21.7494

 52.9179, 45.4964,
65.2712


 10.3698, 7.6381,
13.4763


 71.3579, 62.5737,
87.4078

 5.7090, 3.8643,
7.6228


 93.6498, 83.4648,
114.0566

 2.7079, 1.5979,
3.7702

 120.1590,
108.5543, 145.6363

 1.0012, 0.3562,
1.5002

151.2507,
138.2263, 182.5652

 0.0000, 0.0000,
0.2180

187.2905,

 0.0000, 0.0000,

172.8655, 225.2620

0.0000

228.6435,
212.8560, 274.1452

■ 26.1322, 21.2459,
32.8605

■ 26.1322, 21.2459,
32.8605

■ 24.3210, 17.9600,
31.2184

■ 28.2660, 25.1688,
34.6333

■ 22.8133, 15.2742,
29.6997

■ 30.7361, 29.7574,
36.5407

■ 21.5911, 13.1522,
28.2986

■ 33.5579, 35.0419,
38.5884

■ 20.6338, 11.5526,
27.0081

■ 36.7453, 41.0501,
40.7810

■ 19.9177, 10.4284,
25.8200

■ 40.3113, 47.8081,
43.1230

■ 19.4151, 9.7240,
24.7251

■ 44.2685, 55.3406,
45.6188

■ 19.0881, 9.3332,
23.8050

■ 48.6285, 63.6715,
48.2724

■ 53.4030, 72.8234,
51.0877

■ 58.3132, 82.2392,
53.9720

Harmonies

Analogous

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



23.5701, 21.2459, 41.9712



26.1322, 21.2459, 32.8605



27.0640, 21.2459, 22.8101

Triad

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



26.1322, 21.2459, 32.8605



20.0805, 21.2459, 9.5138



15.3247, 21.2459, 33.5760

Complementary

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



26.1322, 21.2459, 32.8605



22.6311, 30.2019, 22.0909

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.



14.5970, 21.2459, 23.4593



26.1322, 21.2459, 32.8605



17.1560, 21.2459, 10.9922

Square

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



26.1322, 21.2459, 32.8605



23.3531, 21.2459, 10.7958



15.2306, 21.2459, 15.5442



17.3327, 21.2459, 42.4559

Rectangle

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



26.1322, 21.2459, 32.8605



26.5647, 21.2459, 17.3139



15.2306, 21.2459, 15.5442



14.9325, 21.2459, 30.1290

Sweetspot

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



26.1329, 21.2468, 32.8609



55.9485, 54.9792, 66.1122



19.6578, 17.8299, 36.1242



12.1253, 11.7869, 14.3917



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.1329, 21.2468, 32.8609



44.5839, 34.0185, 56.8715



24.3125, 20.5187, 23.2752



7.3154, 7.1826, 8.6474



15.2573, 7.4590, 19.0776



0.3328, 0.1616, 0.4654

Inverse Universe

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



26.1329, 21.2468, 32.8609



44.5839, 34.0185, 56.8715



24.2972, 30.8683, 30.8641



7.3154, 7.1826, 8.6474



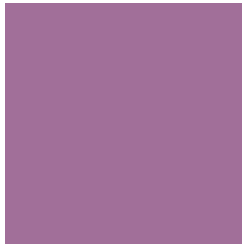
15.2573, 7.4590, 19.0776



0.3328, 0.1616, 0.4654

Previews

White Background



This preview shows how the XYZ color 26.1322, 21.2459, 32.8605 looks on a white background.

Color Contrast Check

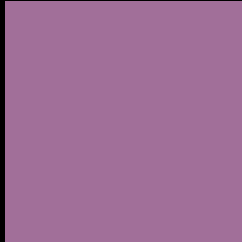
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1322, 21.2459, 32.8605 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 26.1322, 21.2459, 32.8605

Background



This preview shows how black text looks on a background with the XYZ color 26.1322, 21.2459, 32.8605.



This preview shows how white text looks on a background with the XYZ color 26.1322, 21.2459,

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

26.1322, 21.2459, 32.8605

Protanopia

21.6329, 21.4536, 38.1227

Deuteranopia

21.8468, 21.3168, 32.2413



Tritanopia

23.8517, 21.1395, 22.2253

Trichromacy



Original Color

26.1322, 21.2459, 32.8605

Protanomaly

23.0141, 21.2811, 36.1524

Deuteranomaly

23.2488, 21.1234, 32.5576

Tritanomaly

24.4910, 21.0530, 25.6945

Monochromacy



Original Color

26.1322, 21.2459, 32.8605

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.0232, 22.0302, 27.4649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1322, 21.2459, 32.8605 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(161, 111, 153)` looks like.

```
.text, #text, p{  
    color:rgb(161, 111, 153)  
}
```

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(161, 111, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 111, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.1322, 21.2459, 32.8605 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(161, 111, 153) }
```


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

```
.border{ border-color:rgb(161, 111, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 111, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 111, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 111, 153);  
box-shadow:4px 4px 4px 4px rgb(161, 111,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1322, 21.2459, 32.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 111, 153) }
```

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

```
.background{ background-color: rgb(161,  
111, 153) }
```

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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