

Converting Colors

XYZ(26.9819, 22.1068, 36.2958)

Have a look what the booklet for
XYZ(26.9819, 22.1068, 36.2958)
contains.

XYZ(26.8597, 22.0463, 36.0974)	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(26.8597, 22.0463,
36.0974)**

Conversions

Conversions Part 1

Format	Color
Hex	A072A0
RGB	160, 114, 160
RGB Percent	63%, 45%, 63%
CMY	0.3725, 0.5529, 0.3725
CMYK	0.00, 0.29, 0.00, 0.37
HSL	300°, 19%, 54%
HSV	300°, 29%, 63%
XYZ	26.8597, 22.0463, 36.0974
YIQ	132.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

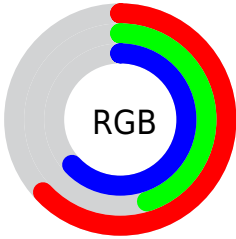
Format	Color
R_{YB}	160, 114, 160
Decimal	10515104
CIE _{Lab}	54.08, 26.06, -17.60
CIE _{LCh}	54, 31.448, 325.968
Yxy	22.0463, 0.3160, 0.2594
Android (android.graphics.Color)	4288705184 (0xFFA072A0)
YUV	132.9980, 13.3120, 23.6808
Hunter-Lab	46.9535, 19.9422, -12.7142

Details

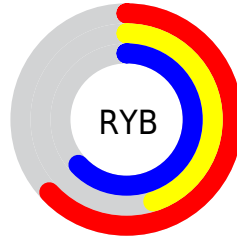
The XYZ color **26.8597, 22.0463, 36.0974** is a light color, and the websafe version is hex **996699**. A complement of this color would be **22.5484, 29.9347, 20.5104**, and the grayscale version is **22.2441, 23.4025, 25.4853**.

A 20% lighter version of the original color is **53.9263, 46.6258, 70.4474**, and **10.7814, 8.0514, 15.1732** is the 20% darker color. If you saturate the color by 10%, you get **25.2107, 18.7478, 35.5479**, and if you desaturate by 10%, it is **28.8258, 25.9781, 36.7531**.

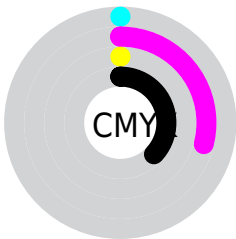
Distribution



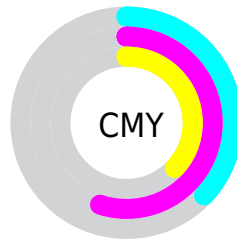
- Red (63%)
- Green (45%)
- Blue (63%)



- Red (63%)
- Yellow (45%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (37%)





- Cyan (37%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8597, 22.0463, 36.0974 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 26.8597, 22.0463, 36.0974 by changing the saturation by 10% instead.

 26.8597, 22.0463,
36.0974


 26.8597, 22.0463,
36.0974


279.1571,
262.7880, 344.4363


 17.6039, 13.8909,
24.2191


 54.0801, 46.8225,
70.3531


 10.7640, 8.0448,
15.2826


 72.7755, 64.2121,
93.5676

 5.9745, 4.1237,
8.8691


 95.3481, 85.4486,
121.3980

 2.8701, 1.7430,
4.5603

 122.1633,
110.9164, 154.2628

 1.0854, 0.4512,
1.9375

153.5864,
140.9998, 192.5804

 0.0129, 0.0000,
0.5164

189.9829,

 0.0000, 0.0000,

176.0833, 236.7695

0.0000

231.7180,
216.5512, 287.2487

■ 26.8597, 22.0463,
36.0974

■ 26.8597, 22.0463,
36.0974

■ 25.2107, 18.7478,
35.5479

■ 28.8258, 25.9781,
36.7531

■ 23.8602, 16.0469,
35.0977

■ 31.1222, 30.5708,
37.5186

■ 22.7910, 13.9086,
34.7412

■ 33.7637, 35.8539,
38.3992

■ 21.9833, 12.2933,
34.4719

■ 36.7639, 41.8543,
39.3993

■ 21.4147, 11.1560,
34.2823

■ 40.1355, 48.5973,
40.5232

■ 21.0589, 10.4445,
34.1636

■ 43.8904, 56.1072,
41.7749

■ 20.8643, 10.0552,
34.0987

■ 48.0403, 64.4070,
43.1583

■ 20.8426, 10.0118,
34.0914

■ 52.5963, 73.5189,
44.6770

■ 56.6028, 81.5318,
46.0126

Harmonies

Analogous

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



23.9528, 22.0463, 45.1075



26.8597, 22.0463, 36.0974



28.1846, 22.0463, 25.3470

Triad

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



26.8597, 22.0463, 36.0974



21.4180, 22.0463, 9.7415



15.6038, 22.0463, 33.1830

Complementary

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



26.8597, 22.0463, 36.0974



22.5484, 29.9347, 20.5104

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.



15.0802, 22.0463, 22.7106



26.8597, 22.0463, 36.0974



18.2172, 22.0463, 10.7887

Square

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



26.8597, 22.0463, 36.0974



24.8349, 22.0463, 11.5807



15.9850, 22.0463, 14.9682



17.5007, 22.0463, 43.1299

Rectangle

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



26.8597, 22.0463, 36.0974



27.8976, 22.0463, 19.2087



15.9850, 22.0463, 14.9682



15.2708, 22.0463, 29.5391

Sweetspot

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



26.8604, 22.0473, 36.0979



56.3182, 55.1271, 68.0587



19.3029, 18.1512, 35.7444



12.2184, 11.8242, 14.8819



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.



26.8604, 22.0473, 36.0979



46.9331, 36.3570, 64.9300



25.0307, 21.3154, 26.4629



6.9042, 6.7546, 8.3465



16.2358, 7.7989, 26.5563



0.2903, 0.1394, 0.4748

Inverse Universe

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



26.8604, 22.0473, 36.0979



46.9331, 36.3570, 64.9300



24.0265, 30.5259, 28.2936



6.9042, 6.7546, 8.3465



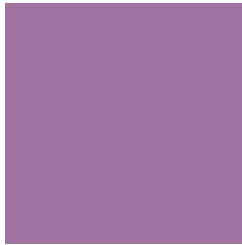
16.2358, 7.7989, 26.5563



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 26.8597, 22.0463, 36.0974 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 26.8597, 22.0463, 36.0974 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 26.8597, 22.0463, 36.0974

Background



This preview shows how black text looks on a background with the XYZ color 26.8597, 22.0463, 36.0974.



This preview shows how white text looks on a background with the XYZ color 26.8597, 22.0463,

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

26.8597, 22.0463, 36.0974

Protanopia

22.4461, 22.1922, 41.1307

Deuteranopia

22.6630, 22.2366, 35.4454



Tritanopia

24.3892, 22.0858, 23.7464

Trichromacy



Original Color

26.8597, 22.0463, 36.0974

Protanomaly

23.6388, 21.9056, 39.0587

Deuteranomaly

24.0328, 21.9977, 35.7802

Tritanomaly

25.1167, 22.0184, 27.7371

Monochromacy



Original Color

26.8597, 22.0463, 36.0974

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7465, 22.7445, 29.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8597, 22.0463, 36.0974 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(160, 114, 160)` looks like.

```
.text, #text, p{  
    color:rgb(160, 114, 160)  
}
```

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(160, 114, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 114, 160) }
```

Border

The CSS property to change the border of an element to XYZ 26.8597, 22.0463, 36.0974 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(160, 114, 160) }
```


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

```
.border{ border-color:rgb(160, 114, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 114, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 114, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 114, 160);  
box-shadow:4px 4px 4px 4px rgb(160, 114,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8597, 22.0463, 36.0974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 114, 160) }
```

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

```
.background{ background-color: rgb(160,  
114, 160) }
```

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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