

Converting Colors

XYZ(36.3320, 27.8357, 44.2525)

Have a look what the booklet for
XYZ(36.3320, 27.8357, 44.2525)
contains.

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Color

**XYZ(36.1926, 27.7346,
44.0032)**

Conversions

Conversions Part 1

Format	Color
Hex	C078AF
RGB	192, 120, 175
RGB Percent	75%, 47%, 69%
CMY	0.2471, 0.5294, 0.3137
CMYK	0.00, 0.37, 0.09, 0.25
HSL	314°, 36%, 61%
HSV	314°, 37%, 75%
XYZ	36.1926, 27.7346, 44.0032
YIQ	147.7980, 25.2570, 32.3690

Conversions

Conversions Part 2

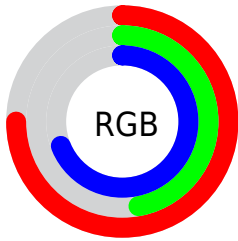
Format	Color
R_{YB}	192, 120, 175
Decimal	12613807
CIE _{Lab}	59.65, 36.34, -17.44
CIE _{LCh}	60, 40.306, 334.363
Yxy	27.7346, 0.3353, 0.2570
Android (android.graphics.Color)	4290803887 (0xFFC078AF)
YUV	147.7980, 13.4106, 38.7652
Hunter-Lab	52.6636, 30.5111, -12.6753

Details

The XYZ color **36.1926, 27.7346, 44.0032** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.1120, 43.4994, 30.4253**, and the grayscale version is **28.0036, 29.4619, 32.0840**.

A 20% lighter version of the original color is **68.6268, 56.1814, 82.8284**, and **15.9575, 10.9797, 19.6906** is the 20% darker color. If you saturate the color by 10%, you get **33.6732, 23.3961, 41.0034**, and if you desaturate by 10%, it is **39.1916, 33.0076, 47.2372**.

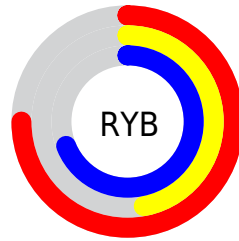
Distribution



Red (75%)

Green (47%)

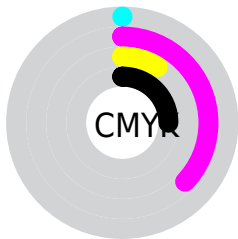
Blue (69%)



Red (75%)

Yellow (47%)

Blue (69%)

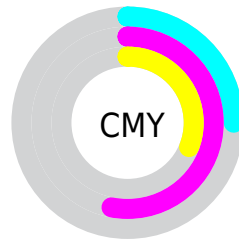


Cyan (0%)

Magenta (37%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1926, 27.7346, 44.0032 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 36.1926, 27.7346, 44.0032 by changing the saturation by 10% instead.


 36.1926, 27.7346,
44.0032


 36.1926, 27.7346,
44.0032


321.2182,
291.1966, 378.7631

 24.7538, 18.1257,
30.3358


 68.6512, 56.0604,
82.5251

 16.0215, 11.0403,
19.8394


 90.4016, 75.5462,
108.2167

 9.6303, 6.0939,
12.0954


 116.3200, 99.0929,
138.7534

 5.2149, 2.9023,
6.6854

146.7716,
127.0852, 174.5538

 2.4099, 1.0809,
3.1907

182.1219,
159.9073, 216.0364

 0.8501, 0.0000,
1.1928

222.7362,

 0.0000, 0.0000,

197.9436, 263.6198

0.0000

268.9798,
241.5786, 317.7225

■ 36.1926, 27.7346,
44.0032

■ 36.1926, 27.7346,
44.0032

■ 33.6732, 23.3961,
41.0034

■ 39.1916, 33.0076,
47.2372

■ 31.6029, 19.9324,
38.2261

■ 42.6934, 39.2623,
50.7130

■ 29.9515, 17.2833,
35.6607


■ 46.7225, 46.5473,
54.4397


■ 28.6842, 15.3790,
33.2950


■ 51.3013, 54.9070,
58.4255


■ 27.7600, 14.1379,
31.1145


■ 56.4506, 64.3830,
62.6780


 27.1200, 13.4426,
29.0988

 62.1903, 75.0148,
67.2046

 26.9786, 13.3027,
28.6116

 68.5394, 86.8400,
72.0120

 69.2902, 87.4433,
75.0319

 69.8678, 87.6743,
78.0732

Harmonies

Analogous

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



32.2724, 27.7346, 59.7051



36.1926, 27.7346, 44.0032



37.3587, 27.7346, 28.1182

Triad

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



36.1926, 27.7346, 44.0032



25.6242, 27.7346, 10.0012



19.0868, 27.7346, 48.9166

Complementary

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



36.1926, 27.7346, 44.0032



31.1120, 43.4994, 30.4253

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.



17.7658, 27.7346, 32.3784



36.1926, 27.7346, 44.0032



21.2193, 27.7346, 12.4820

Square

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



36.1926, 27.7346, 44.0032



30.8207, 27.7346, 11.3372



18.4935, 27.7346, 19.6325



22.3535, 27.7346, 63.1232

Rectangle

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



36.1926, 27.7346, 44.0032



36.3062, 27.7346, 20.0591



18.4935, 27.7346, 19.6325



18.4210, 27.7346, 43.2818

Sweetspot

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



36.1935, 27.7359, 44.0038



81.8586, 79.2625, 96.1031



26.5160, 22.5417, 52.8232



17.3457, 16.6143, 20.4186



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.1935, 27.7359, 44.0038



61.7636, 43.6700, 75.2310



33.1306, 26.5107, 27.8751



10.3923, 10.2055, 12.1563



18.1849, 8.9637, 19.4176



0.8110, 0.3974, 0.9720

Inverse Universe

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



36.1935, 27.7359, 44.0038



61.7636, 43.6700, 75.2310



34.1199, 44.7026, 46.2649



10.3923, 10.2055, 12.1563



18.1849, 8.9637, 19.4176



0.8110, 0.3974, 0.9720

Previews

White Background



This preview shows how the XYZ color 36.1926, 27.7346, 44.0032 looks on a white background.

Color Contrast Check

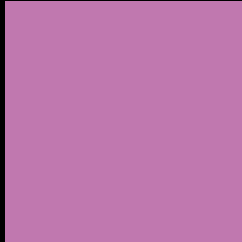
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1926, 27.7346, 44.0032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

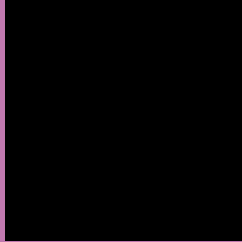
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1926, 27.7346, 44.0032

Background



This preview shows how black text looks on a background with the XYZ color 36.1926, 27.7346, 44.0032.



This preview shows how white text looks on a background with the XYZ color 36.1926, 27.7346,

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

36.1926, 27.7346, 44.0032

Protanopia

28.4370, 27.9329, 53.1830

Deuteranopia

28.5526, 28.0098, 42.4296



Tritanopia

32.5982, 27.5497, 27.2664

Trichromacy



Original Color

36.1926, 27.7346, 44.0032

Protanomaly

30.4189, 27.3253, 49.5700

Deuteranomaly

30.7342, 27.4350, 42.7053

Tritanomaly

33.7798, 27.4685, 32.7997

Monochromacy



Original Color

36.1926, 27.7346, 44.0032

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.5699, 28.5381, 36.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1926, 27.7346, 44.0032 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(192, 120, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 120, 175)  
}
```

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(192, 120, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 120, 175) }
```

Border

The CSS property to change the border of an element to XYZ 36.1926, 27.7346, 44.0032 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(192, 120, 175) }
```


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

```
.border{ border-color:rgb(192, 120, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 120, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 120, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 120, 175);  
box-shadow:4px 4px 4px 4px rgb(192, 120,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1926, 27.7346, 44.0032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 120, 175) }
```

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

```
.background{ background-color: rgb(192,  
120, 175) }
```

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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