

Converting Colors

XYZ(26.9827, 20.4553, 36.1123)

Have a look what the booklet for
XYZ(26.9827, 20.4553, 36.1123)
contains.

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Color

**XYZ(27.1092, 20.5808,
36.2619)**

Conversions

Conversions Part 1

Format	Color
Hex	A668A1
RGB	166, 104, 161
RGB Percent	65%, 41%, 63%
CMY	0.3490, 0.5921, 0.3686
CMYK	0.00, 0.37, 0.03, 0.35
HSL	305°, 26%, 53%
HSV	305°, 37%, 65%
XYZ	27.1092, 20.5808, 36.2619
YIQ	129.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

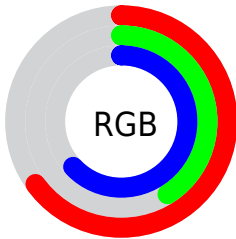
Format	Color
R_{YB}	166, 104, 161
Decimal	10905761
CIE Lab	52.49, 33.92, -20.55
CIE LCh	52, 39.660, 328.793
Yxy	20.5808, 0.3229, 0.2451
Android (android.graphics.Color)	4289095841 (0xFFA668A1)
YUV	129.0360, 15.7583, 32.4174
Hunter-Lab	45.3661, 27.2748, -15.6353

Details

The XYZ color **27.1092, 20.5808, 36.2619** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.1063, 31.3203, 19.3495**, and the grayscale version is **20.8214, 21.9057, 23.8553**.

A 20% lighter version of the original color is **54.4073, 44.2644, 70.6421**, and **10.9366, 7.3472, 15.3097** is the 20% darker color. If you saturate the color by 10%, you get **25.4827, 17.5153, 35.1405**, and if you desaturate by 10%, it is **29.0672, 24.3065, 37.5005**.

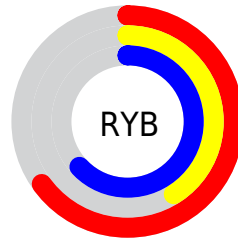
Distribution



Red (65%)

Green (41%)

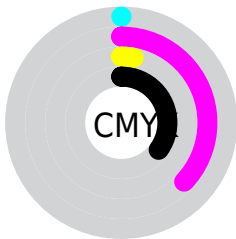
Blue (63%)



Red (65%)

Yellow (41%)

Blue (63%)

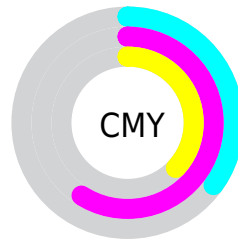


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (59%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1092, 20.5808, 36.2619 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 27.1092, 20.5808, 36.2619 by changing the saturation by 10% instead.

27.1092, 20.5808,
36.2619

27.1092, 20.5808,
36.2619

280.3434,
255.0422, 345.1758

17.7923, 12.8179,
24.3452

54.4777, 44.3888,
70.6097

10.8997, 7.3033,
15.3754

73.2600, 61.2028,
93.8779

6.0662, 3.6525,
8.9337

95.9281, 81.8025,
121.7671

2.9264, 1.4811,
4.6017

122.8474,
106.5725, 154.6957

1.1150, 0.2754,
1.9609

154.3832,
135.8970, 193.0824

0.0376, 0.0000,
0.5311

190.9009,

0.0000, 0.0000,

170.1606, 237.3456

0.0000

232.7658,
209.7475, 287.9039

■ 27.1092, 20.5808,
36.2619

■ 27.1092, 20.5808,
36.2619

■ 25.4827, 17.5153,
35.1405

■ 29.0672, 24.3065,
37.5005

■ 24.1662, 15.0684,
34.1285

■ 31.3726, 28.7252,
38.8609

■ 23.1392, 13.1982,
33.2191

■ 34.0425, 33.8709,
40.3490

■ 22.3773, 11.8564,
32.4043

■ 37.0924, 39.7746,
41.9702

■ 21.8526, 10.9869,
31.6747

■ 40.5368, 46.4653,
43.7292

■ 21.5210, 10.5015,
31.0156

■ 44.3896, 53.9708,
45.6306

■ 21.4439, 10.3942,
30.8455

■ 48.6640, 62.3173,
47.6789

■ 53.3724, 71.5298,
49.8782

■ 58.5270, 81.6325,
52.2327

Harmonies

Analogous

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



23.6098, 20.5808, 48.5924



27.1092, 20.5808, 36.2619



28.5498, 20.5808, 22.8879

Triad

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



27.1092, 20.5808, 36.2619



19.7279, 20.5808, 6.5665



13.4337, 20.5808, 35.1385

Complementary

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



27.1092, 20.5808, 36.2619



22.1063, 31.3203, 19.3495

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.



12.6905, 20.5808, 21.9368



27.1092, 20.5808, 36.2619



16.0045, 20.5808, 7.8742

Square

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



27.1092, 20.5808, 36.2619



23.9373, 20.5808, 8.1134



13.5634, 20.5808, 12.6278



15.7542, 20.5808, 47.8001

Rectangle

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



27.1092, 20.5808, 36.2619



28.0147, 20.5808, 15.8936



13.5634, 20.5808, 12.6278



13.0067, 20.5808, 30.4985

Sweetspot

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



27.1099, 20.5817, 36.2623



59.8340, 57.7099, 72.1590



18.0347, 15.8513, 38.1859



13.2484, 12.6418, 16.0692



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1099, 20.5817, 36.2623



46.6573, 32.5554, 64.0705



24.7647, 19.6436, 23.9126



7.8154, 7.6560, 9.3452



16.6366, 8.0633, 23.9614



0.4122, 0.1991, 0.6219

Inverse Universe

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



27.1099, 20.5817, 36.2623



46.6573, 32.5554, 64.0705



24.0159, 32.0841, 29.4051



7.8154, 7.6560, 9.3452



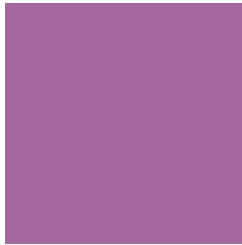
16.6366, 8.0633, 23.9614



0.4122, 0.1991, 0.6219

Previews

White Background



This preview shows how the XYZ color 27.1092, 20.5808, 36.2619 looks on a white background.

Color Contrast Check

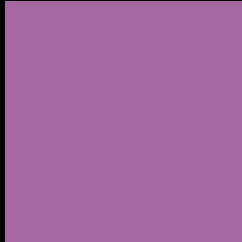
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1092, 20.5808, 36.2619 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 27.1092, 20.5808, 36.2619

Background



This preview shows how black text looks on a background with the XYZ color 27.1092, 20.5808, 36.2619.



This preview shows how white text looks on a background with the XYZ color 27.1092, 20.5808,

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

27.1092, 20.5808, 36.2619

Protanopia

21.4745, 20.8649, 43.9698

Deuteranopia

21.0539, 20.6652, 34.7774



Tritanopia

23.9433, 20.5459, 20.7930

Trichromacy



Original Color

27.1092, 20.5808, 36.2619

Protanomaly

22.9179, 20.4087, 41.2594

Deuteranomaly

22.7335, 20.2778, 35.0636

Tritanomaly

25.0168, 20.5014, 25.9312

Monochromacy



Original Color

27.1092, 20.5808, 36.2619

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6795, 21.1068, 28.0780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1092, 20.5808, 36.2619 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(166, 104, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 104, 161)  
}
```

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(166, 104, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 104, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.1092, 20.5808, 36.2619 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(166, 104, 161) }
```


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

```
.border{ border-color:rgb(166, 104, 161) }
```

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

Here you see how a box with a 4 pixel rgb(166, 104, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 104, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 104, 161);  
box-shadow:4px 4px 4px 4px rgb(166, 104,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1092, 20.5808, 36.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 104, 161) }
```

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

```
.background{ background-color: rgb(166,  
104, 161) }
```

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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