

Converting Colors

XYZ(27.0603, 21.9746, 58.1958)

Have a look what the booklet for
XYZ(27.0603, 21.9746, 58.1958)
contains.

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Color

**XYZ(27.1045, 22.0262,
58.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	8974C9
RGB	137, 116, 201
RGB Percent	54%, 45%, 79%
CMY	0.4627, 0.5451, 0.2118
CMYK	0.32, 0.42, 0.00, 0.21
HSL	255°, 44%, 62%
HSV	255°, 42%, 79%
XYZ	27.1045, 22.0262, 58.0813
YIQ	131.9690, -14.7690, 30.8870

Conversions

Conversions Part 2

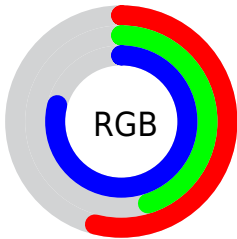
Format	Color
R_{YB}	137, 116, 201
Decimal	9008329
CIE _{Lab}	54.05, 27.15, -41.42
CIE _{LCh}	54, 49.522, 303.243
Yxy	22.0262, 0.2528, 0.2054
Android (android.graphics.Color)	4287198409 (0xFF8974C9)
YUV	131.9690, 34.0323, 4.4122
Hunter-Lab	46.9321, 20.9573, -40.5225

Details

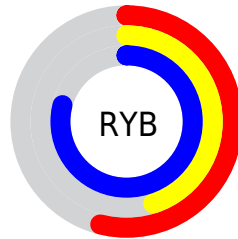
The XYZ color **27.1045, 22.0262, 58.0813** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **42.8619, 52.7380, 24.4442**, and the grayscale version is **21.8067, 22.9424, 24.9843**.

A 20% lighter version of the original color is **53.7909, 46.4317, 100.7349**, and **10.8516, 7.9745, 28.1614** is the 20% darker color. If you saturate the color by 10%, you get **22.7241, 16.6930, 57.2832**, and if you desaturate by 10%, it is **32.3358, 28.5429, 59.0638**.

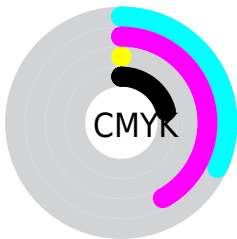
Distribution



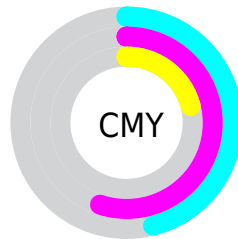
- Red (54%)
- Green (45%)
- Blue (79%)



- Red (54%)
- Yellow (45%)
- Blue (79%)



- Cyan (32%)
- Magenta (42%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (55%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1045, 22.0262, 58.0813 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 27.1045, 22.0262, 58.0813 by changing the saturation by 10% instead.

■ 27.1045, 22.0262,
58.0813

■ 27.1045, 22.0262,
58.0813

280.3211,
262.6831, 435.0955

■ 17.7887, 13.8762,
41.4589

■ 54.4702, 46.7893,
103.5572

■ 10.8972, 8.0346,
28.3554

■ 73.2509, 64.1711,
133.2477

■ 6.0645, 4.1171,
18.3524

■ 95.9172, 85.3990,
168.1314

■ 2.9254, 1.7393,
11.0312

■ 122.8345,
110.8574, 208.6267

■ 1.1144, 0.4489,
5.9734

154.3682,
140.9305, 255.1523

■ 0.0371, 0.0000,
2.7604

190.8836,

■ 0.0000, 0.0000,

176.0030, 308.1266

0.9736

232.7461,
216.4590, 367.9681

■ 0.0000, 0.0000,
0.0000

■ 27.1045, 22.0262,
58.0813

■ 27.1045, 22.0262,
58.0813

■ 22.7241, 16.6930,
57.2832

■ 32.3358, 28.5429,
59.0638

■ 19.1451, 12.4681,
56.6563

■ 38.4588, 36.3071,
60.2398

■ 16.3163, 9.2714,
56.1884

■ 45.5146, 45.3811,
61.6193

■ 14.1793, 7.0106,
55.8646

■ 53.5409, 55.8221,
63.2116

■ 12.6657, 5.5758,
55.6675

■ 62.5734, 67.6842,
65.0252

■ 11.8414, 4.8866,
55.5779

■ 72.6458, 81.0182,
67.0680

■ 83.2445, 94.7813,
69.1659

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



21.5233, 22.0262, 67.1352



27.1045, 22.0262, 58.0813



31.5451, 22.0262, 39.8658

Triad

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



27.1045, 22.0262, 58.0813



25.9233, 22.0262, 6.1089



12.2435, 22.0262, 25.6905

Complementary

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



27.1045, 22.0262, 58.0813



42.8619, 52.7380, 24.4442

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.



13.0191, 22.0262, 13.0027



27.1045, 22.0262, 58.0813



20.3580, 22.0262, 4.9420

Square

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



27.1045, 22.0262, 58.0813



30.7854, 22.0262, 11.1741



15.7812, 22.0262, 6.8043



13.4482, 22.0262, 44.0605

Rectangle

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



27.1045, 22.0262, 58.0813



32.9201, 22.0262, 27.6238



15.7812, 22.0262, 6.8043



12.2821, 22.0262, 20.6766

Sweetspot

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



27.1053, 22.0270, 58.0818



76.7775, 76.2125, 105.2716



34.3035, 41.0463, 61.3735



15.8315, 15.5356, 22.4142



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.1053, 22.0270, 58.0818



39.2977, 29.0508, 98.1439



35.2253, 26.2131, 58.4618



10.2981, 10.4119, 13.3844



7.5164, 3.1091, 34.9483



0.4243, 0.1825, 1.6580

Inverse Universe

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



38.5716, 28.2043, 46.5915



61.8690, 41.2352, 74.4181



34.6316, 48.4951, 24.0590



10.9668, 10.7701, 12.8084



18.7128, 9.2347, 19.4955



0.9136, 0.4483, 1.0680

Previews

White Background



This preview shows how the XYZ color 27.1045, 22.0262, 58.0813 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 27.1045, 22.0262, 58.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

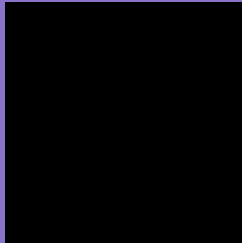
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1045, 22.0262, 58.0813

Background



This preview shows how black text looks on a background with the XYZ color 27.1045, 22.0262, 58.0813.



This preview shows how white text looks on a background with the XYZ color 27.1045, 22.0262,

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

27.1045, 22.0262, 58.0813

Protanopia

24.0461, 22.3187, 64.0133

Deuteranopia

22.7626, 22.2106, 56.5134



Tritanopia

20.8961, 21.8790, 27.9327

Trichromacy



Original Color

27.1045, 22.0262, 58.0813

Protanomaly

24.9010, 22.0504, 61.9752

Deuteranomaly

23.9469, 21.8538, 56.9889

Tritanomaly

22.7825, 21.6911, 37.1684

Monochromacy



Original Color

27.1045, 22.0262, 58.0813

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.3782, 22.4244, 34.9945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1045, 22.0262, 58.0813 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(137, 116, 201)` looks like.

```
.text, #text, p{  
    color:rgb(137, 116, 201)  
}
```

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(137, 116, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 116, 201) }
```

Border

The CSS property to change the border of an element to XYZ 27.1045, 22.0262, 58.0813 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(137, 116, 201) }
```


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

```
.border{ border-color:rgb(137, 116, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 116, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 116, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 116, 201);  
box-shadow:4px 4px 4px 4px rgb(137, 116,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1045, 22.0262, 58.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 116, 201) }
```

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

```
.background{ background-color: rgb(137,  
116, 201) }
```

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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