

Converting Colors

XYZ(24.6645, 27.0370, 46.9616)

Have a look what the booklet for
XYZ(24.6645, 27.0370, 46.9616)
contains.

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Color

**XYZ(24.7014, 27.0412,
47.0976)**

Conversions

Conversions Part 1

Format	Color
Hex	6C92B4
RGB	108, 146, 180
RGB Percent	42%, 57%, 71%
CMY	0.5765, 0.4274, 0.2941
CMYK	0.40, 0.19, 0.00, 0.29
HSL	208°, 32%, 56%
HSV	208°, 40%, 71%
XYZ	24.7014, 27.0412, 47.0976
YIQ	138.5140, -33.5620, 2.5180

Conversions

Conversions Part 2

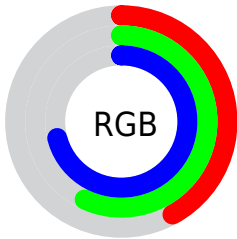
Format	Color
RYB	108, 133, 180
Decimal	7115444
CIELab	59.01, -4.25, -21.92
CIELCh	59, 22.331, 259.027
Yxy	27.0412, 0.2499, 0.2736
Android (android.graphics.Color)	4285305524 (0xFF6C92B4)
YUV	138.5140, 20.4526, -26.7608
Hunter-Lab	52.0012, -6.2116, -17.2983

Details

The XYZ color **24.7014, 27.0412, 47.0976** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.2027, 30.1324, 18.3597**, and the grayscale version is **24.2880, 25.5528, 27.8270**.

A 20% lighter version of the original color is **50.6949, 55.0461, 87.3099**, and **9.6445, 10.7388, 21.6431** is the 20% darker color. If you saturate the color by 10%, you get **21.4723, 23.5037, 46.5855**, and if you desaturate by 10%, it is **28.4816, 31.0086, 47.6646**.

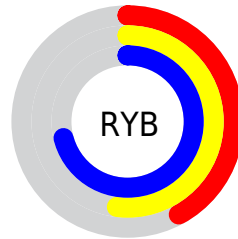
Distribution



Red (42%)

Green (57%)

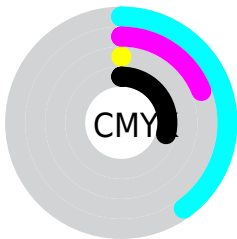
Blue (71%)



Red (42%)

Yellow (52%)

Blue (71%)

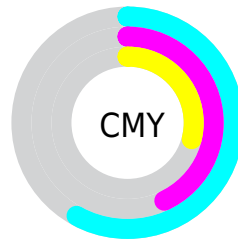


Cyan (40%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7014, 27.0412, 47.0976 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 24.7014, 27.0412, 47.0976 by changing the saturation by 10% instead.

■ 24.7014, 27.0412,
47.0976

■ 24.7014, 27.0412,
47.0976

268.7228,
287.8565, 391.6090

■ 15.9823, 17.6042,
32.7579

■ 50.6188, 54.9500,
87.2108

■ 9.6024, 10.6662,
21.6715

■ 68.5477, 74.1905,
113.8214

■ 5.1964, 5.8428,
13.4197

■ 90.2774, 97.4677,
145.3594

■ 2.3989, 2.7498,
7.5841

■ 116.1730,
125.1658, 182.2433

■ 0.8445, 1.0025,
3.7460

146.6000,
157.6694, 224.8917

■ 0.0000, 0.0000,
1.4871

181.9237,

■ 0.0000, 0.0000,

195.3628, 273.7231

0.2083

222.5095,
238.6304, 329.1560

■ 0.0000, 0.0000,
0.0000

■ 24.7014, 27.0412,
47.0976

■ 24.7014, 27.0412,
47.0976

■ 21.4723, 23.5037,
46.5855

■ 28.4816, 31.0086,
47.6646

■ 18.7616, 20.3745,
46.1243

■ 32.8380, 35.4201,
48.2865

■ 16.5369, 17.6340,
45.7126

■ 37.7971, 40.2929,
48.9657

■ 14.7605, 15.2595,
45.3479

■ 43.3831, 45.6423,
49.7038

■ 13.3883, 13.2249,
45.0275

■ 49.6184, 51.4827,
50.5025

■ 12.3309, 11.4805,
44.7466

■ 56.5248, 57.8279,
51.3632

■ 12.3308, 11.4803,
44.7465

■ 64.1225, 64.6912,
52.2875

■ 72.4313, 72.0851,
53.2768

■ 75.7328, 77.0644,
54.0639

Harmonies

Analogous

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



22.3657, 27.0412, 42.5250



24.7014, 27.0412, 47.0976



27.4774, 27.0412, 46.3434

Triad

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



24.7014, 27.0412, 47.0976



31.0722, 27.0412, 24.7457



21.8871, 27.0412, 20.5321

Complementary

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



24.7014, 27.0412, 47.0976



31.2027, 30.1324, 18.3597

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.



24.0045, 27.0412, 17.2503



24.7014, 27.0412, 47.0976



29.3543, 27.0412, 19.3640

Square

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



24.7014, 27.0412, 47.0976



31.2924, 27.0412, 32.4430



26.7290, 27.0412, 16.8651



20.8202, 27.0412, 26.6344

Rectangle

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



24.7014, 27.0412, 47.0976



29.2031, 27.0412, 42.9520



26.7290, 27.0412, 16.8651



22.4922, 27.0412, 19.1132

Sweetspot

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



24.7023, 27.0422, 47.0982



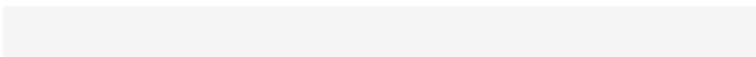
66.4532, 71.0359, 88.5035



27.3587, 37.7723, 31.2836



14.1087, 15.1051, 19.0942



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.7023, 27.0422, 47.0982



39.5731, 43.3331, 84.5730



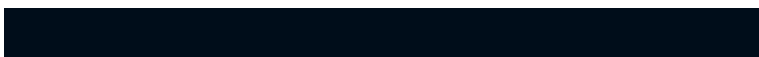
20.0424, 17.7226, 45.5450



8.4008, 8.9477, 10.7906



8.6738, 8.1480, 31.2525



0.3308, 0.3721, 1.0026

Inverse Universe

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



29.3740, 22.5045, 29.9909



49.4718, 34.8650, 48.0675



37.3706, 42.4684, 20.4157



8.6775, 8.5777, 9.8000



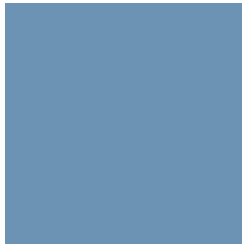
14.6128, 7.3627, 8.3869



0.4890, 0.2433, 0.4177

Previews

White Background



This preview shows how the XYZ color 24.7014, 27.0412, 47.0976 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 24.7014, 27.0412, 47.0976 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

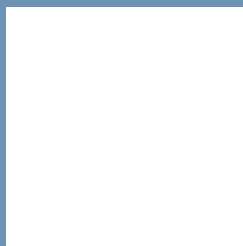
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7014, 27.0412, 47.0976

Background



This preview shows how black text looks on a background with the XYZ color 24.7014, 27.0412, 47.0976.

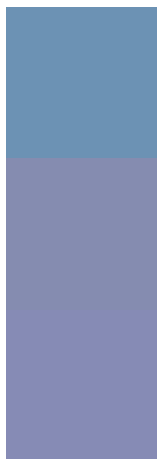


This preview shows how white text looks on a background with the XYZ color 24.7014, 27.0412,

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

24.7014, 27.0412, 47.0976

Protanopia

26.8874, 26.8773, 44.8450

Deuteranopia

27.4046, 26.8698, 47.4581



Tritanopia

22.7740, 26.9517, 37.7201

Trichromacy



Original Color

24.7014, 27.0412, 47.0976

Protanomaly

25.9210, 26.8054, 45.4028

Deuteranomaly

26.4709, 27.0422, 47.5406

Tritanomaly

23.4835, 27.0102, 41.0216

Monochromacy



Original Color

24.7014, 27.0412, 47.0976

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4078, 26.2683, 34.3557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7014, 27.0412, 47.0976 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(108, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(108, 146, 180)  
}
```

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(108, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 146, 180) }
```

Border

The CSS property to change the border of an element to XYZ 24.7014, 27.0412, 47.0976 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(108, 146, 180) }
```


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

```
.border{ border-color:rgb(108, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(108, 146,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7014, 27.0412, 47.0976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 146, 180) }
```

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

```
.background{ background-color: rgb(108,  
146, 180) }
```

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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