

Converting Colors

XYZ(25.4892, 16.7410, 54.3224)

Have a look what the booklet for
XYZ(25.4892, 16.7410, 54.3224)
contains.

XYZ(25.3469, 16.6221, 54.0970)	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(25.3469, 16.6221,
54.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	9454C4
RGB	148, 84, 196
RGB Percent	58%, 33%, 77%
CMY	0.4196, 0.6706, 0.2314
CMYK	0.24, 0.57, 0.00, 0.23
HSL	274°, 49%, 55%
HSV	274°, 57%, 77%
XYZ	25.3469, 16.6221, 54.0970
YIQ	115.9040, 2.1920, 48.4000

Conversions

Conversions Part 2

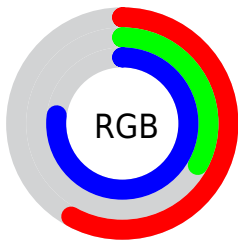
Format	Color
R_{YB}	148, 84, 196
Decimal	9721028
CIE _{Lab}	47.78, 46.92, -48.44
CIE _{LCh}	48, 67.437, 314.087
Yxy	16.6221, 0.2638, 0.1730
Android (android.graphics.Color)	4287911108 (0xFF9454C4)
YUV	115.9040, 39.4873, 28.1482
Hunter-Lab	40.7702, 39.6258, -50.1313

Details

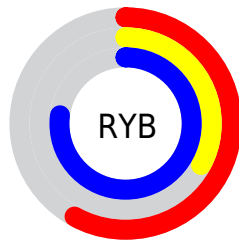
The XYZ color **25.3469, 16.6221, 54.0970** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **30.8562, 45.0258, 15.4526**, and the grayscale version is **16.4543, 17.3112, 18.8519**.

A 20% lighter version of the original color is **51.7106, 37.6793, 97.4759**, and **9.8658, 5.3380, 25.7096** is the 20% darker color. If you saturate the color by 10%, you get **22.5684, 13.2389, 53.5907**, and if you desaturate by 10%, it is **28.6626, 20.9145, 54.7511**.

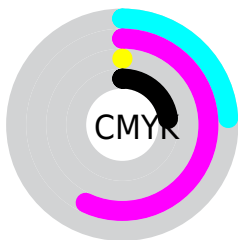
Distribution



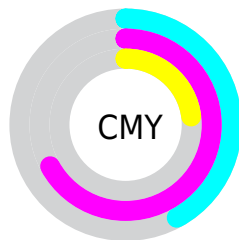
- Red (58%)
- Green (33%)
- Blue (77%)



- Red (58%)
- Yellow (33%)
- Blue (77%)



- Cyan (24%)
- Magenta (57%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3469, 16.6221, 54.0970 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 25.3469, 16.6221, 54.0970 by changing the saturation by 10% instead.

■ 25.3469, 16.6221,
54.0970

■ 25.3469, 16.6221,
54.0970

271.8770,
232.9851, 419.6649

■ 16.4658, 9.9654,
38.2855

■ 51.6583, 37.6749,
97.6745

■ 9.9473, 5.3760,
25.9008

■ 69.8193, 52.8398,
126.2776

■ 5.4260, 2.4695,
16.5243

■ 91.8043, 71.6095,
159.9816

■ 2.5366, 0.8613,
9.7376

■ 117.9787, 94.3686,
199.2051

■ 0.9138, 0.0000,
5.1220

■ 148.7078,
121.5012, 244.3667

■ 0.0000, 0.0000,
2.2590

184.3570,

■ 0.0000, 0.0000,

153.3920, 295.8848

0.7081

225.2916,
190.4251, 354.1780

■ 0.0000, 0.0000,
0.0000

■ 25.3469, 16.6221,
54.0970

■ 25.3469, 16.6221,
54.0970

■ 22.5684, 13.2389,
53.5907

■ 28.6626, 20.9145,
54.7511

■ 20.2862, 10.6888,
53.2188

■ 32.5479, 26.1800,
55.5626

■ 18.4561, 8.8859,
52.9673

■ 37.0350, 32.4786,
56.5419

■ 17.0167, 7.7117,
52.8165

■ 42.1528, 39.8651,
57.6979

■ 16.6462, 7.4304,
52.7817

■ 47.9280, 48.3900,
59.0390

■ 54.3860, 58.1009,
60.5730

■ 61.5506, 69.0425,
62.3073

■ 69.4444, 81.2572,
64.2489

■ 76.3408, 91.2892,
65.8218

Harmonies

Analogous

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



18.8009, 16.6221, 73.4125



25.3469, 16.6221, 54.0970



29.8245, 16.6221, 28.8488

Triad

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



25.3469, 16.6221, 54.0970



19.2057, 16.6221, 1.2497



6.9923, 16.6221, 27.4729

Complementary

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



25.3469, 16.6221, 54.0970



30.8562, 45.0258, 15.4526

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.



7.0482, 16.6221, 10.4184



25.3469, 16.6221, 54.0970



13.1346, 16.6221, 1.2040

Square

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



25.3469, 16.6221, 54.0970



25.7076, 16.6221, 3.4109



9.0118, 16.6221, 3.1701



8.8328, 16.6221, 52.5551

Rectangle

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



25.3469, 16.6221, 54.0970



30.4644, 16.6221, 15.8277



9.0118, 16.6221, 3.1701



6.8081, 16.6221, 20.5770

Sweetspot

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



25.3476, 16.6227, 54.0974



76.2384, 72.0373, 104.4941



21.9443, 22.5185, 55.4148



15.8935, 14.8004, 22.2690



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.



25.3476, 16.6227, 54.0974



39.5777, 22.4739, 96.8597



35.0704, 21.7308, 50.2254



10.0669, 10.0256, 12.6894



10.7960, 4.8260, 33.9191



0.5441, 0.2485, 1.4692

Inverse Universe

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



30.1005, 19.7429, 24.0543



49.9103, 29.2075, 33.7782



25.3051, 42.1285, 16.8019



10.2484, 10.1480, 11.3984



15.6970, 7.9685, 6.3164



0.7127, 0.3581, 0.4544

Previews

White Background



This preview shows how the XYZ color 25.3469, 16.6221, 54.0970 looks on a white background.

Color Contrast Check

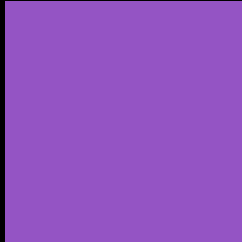
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.3469, 16.6221, 54.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

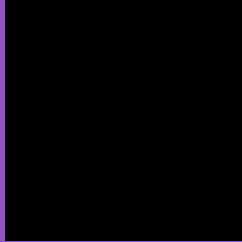
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3469, 16.6221, 54.0970

Background



This preview shows how black text looks on a background with the XYZ color 25.3469, 16.6221, 54.0970.



This preview shows how white text looks on a background with the XYZ color 25.3469, 16.6221,

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

25.3469, 16.6221, 54.0970

Protanopia

19.8429, 16.9837, 71.3396

Deuteranopia

17.2982, 16.7765, 51.0417



Tritanopia

18.0228, 16.5913, 18.1721

Trichromacy



Original Color

25.3469, 16.6221, 54.0970

Protanomaly

20.1436, 15.9053, 64.9591

Deuteranomaly

18.8789, 15.8334, 51.9303

Tritanomaly

20.0492, 16.2379, 28.4631

Monochromacy



Original Color

25.3469, 16.6221, 54.0970

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.9632, 16.5342, 28.9800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3469, 16.6221, 54.0970 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(148, 84, 196)` looks like.

```
.text, #text, p{  
    color:rgb(148, 84, 196)  
}
```

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(148, 84, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 84, 196) }
```

Border

The CSS property to change the border of an element to XYZ 25.3469, 16.6221, 54.0970 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(148, 84, 196) }
```


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

```
.border{ border-color:rgb(148, 84, 196) }
```

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

Here you see how a box with a 4 pixel rgb(148, 84, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 84, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 84, 196);  
box-shadow:4px 4px 4px 4px rgb(148, 84,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3469, 16.6221, 54.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 84, 196) }
```

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

```
.background{ background-color: rgb(148, 84,  
196) }
```

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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