

Converting Colors

XYZ(17.6454, 16.0523, 40.6965)

Have a look what the booklet for
XYZ(17.6454, 16.0523, 40.6965)
contains.

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Color

**XYZ(17.6454, 16.0523,
40.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	626BAB
RGB	98, 107, 171
RGB Percent	38%, 42%, 67%
CMY	0.6157, 0.5804, 0.3294
CMYK	0.43, 0.37, 0.00, 0.33
HSL	233°, 30%, 53%
HSV	233°, 43%, 67%
XYZ	17.6454, 16.0523, 40.6965
YIQ	111.6050, -25.9080, 17.9960

Conversions

Conversions Part 2

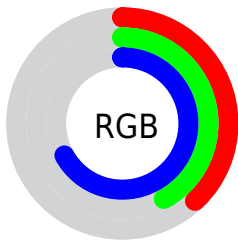
Format	Color
R _Y B	98, 106, 171
Decimal	6450091
CIE Lab	47.04, 13.50, -35.37
CIE LCh	47, 37.859, 290.885
Yxy	16.0523, 0.2372, 0.2158
Android (android.graphics.Color)	4284640171 (0xFF626BAB)
YUV	111.6050, 29.2817, -11.9316
Hunter-Lab	40.0653, 8.4999, -32.1783

Details

The XYZ color **17.6454, 16.0523, 40.6965** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.9203, 35.3815, 16.7031**, and the grayscale version is **15.2086, 16.0007, 17.4247**.

A 20% lighter version of the original color is **39.0409, 36.6752, 77.6944**, and **5.9681, 5.0976, 17.8089** is the 20% darker color. If you saturate the color by 10%, you get **14.5638, 12.3413, 40.1429**, and if you desaturate by 10%, it is **21.3934, 20.5097, 41.3596**.

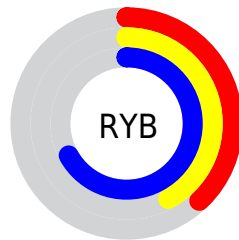
Distribution



Red (38%)

Green (42%)

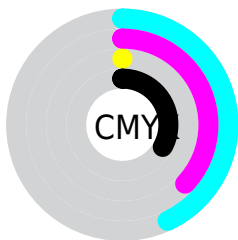
Blue (67%)



Red (38%)

Yellow (42%)

Blue (67%)

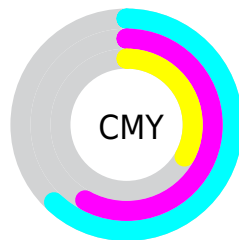


Cyan (43%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6454, 16.0523, 40.6965 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 17.6454, 16.0523, 40.6965 by changing the saturation by 10% instead.

■ 17.6454, 16.0523,
40.6965

■ 17.6454, 16.0523,
40.6965

231.9491,
229.6501, 364.6895

■ 10.7938, 9.5612,
27.7641

■ 38.9670, 36.6890,
77.4716

■ 5.9947, 5.1090,
17.9104

■ 54.1678, 51.6033,
102.1514

■ 2.8825, 2.3113,
10.7169

■ 72.8823, 70.0942,
131.5841

■ 1.0919, 0.7797,
5.7650

■ 95.4760, 92.5459,
166.1882

■ 0.0183, 0.0000,
2.6363

122.3141,
119.3430, 206.3822

■ 0.0000, 0.0000,
0.9111

153.7621,

■ 0.0000, 0.0000,

150.8698, 252.5848

0.0000

190.1853,
187.5107, 305.2144

■ 17.6454, 16.0523,
40.6965

■ 17.6454, 16.0523,
40.6965

■ 14.5638, 12.3413,
40.1429

■ 21.3934, 20.5097,
41.3596

■ 12.1074, 9.3339,
39.6919

■ 25.8420, 25.7496,
42.1366

■ 10.2334, 6.9856,
39.3374

■ 31.0254, 31.8079,
43.0327

■ 8.8925, 5.2460,
39.0723

■ 36.9747, 38.7176,
44.0529

■ 8.0271, 4.0573,
38.8885

■ 43.7196, 46.5101,
45.2015

■ 7.6204, 3.4795,
38.7984

■ 51.2878, 55.2150,
46.4828

■ 59.7060, 64.8607,
47.9009

■ 68.9996, 75.4742,
49.4597

■ 79.1927, 87.0814,
51.1629

Harmonies

Analogous

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



14.2692, 16.0523, 42.4233



17.6454, 16.0523, 40.6965



20.7592, 16.0523, 31.7172

Triad

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



17.6454, 16.0523, 40.6965



19.6443, 16.0523, 6.7925



9.7872, 16.0523, 14.7418

Complementary

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



17.6454, 16.0523, 40.6965



31.9203, 35.3815, 16.7031

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.



10.8250, 16.0523, 8.3027



17.6454, 16.0523, 40.6965



16.2899, 16.0523, 4.9362

Square

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



17.6454, 16.0523, 40.6965



22.0244, 16.0523, 11.7424



13.0949, 16.0523, 5.3654



10.0411, 16.0523, 24.8309

Rectangle

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



17.6454, 16.0523, 40.6965



22.1106, 16.0523, 24.1667



13.0949, 16.0523, 5.3654



9.9902, 16.0523, 12.1539

Sweetspot

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



17.6460, 16.0529, 40.6969



55.0270, 56.3396, 76.9763



26.0571, 34.3056, 39.0904



11.8024, 12.0172, 17.0852



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.6460, 16.0529, 40.6969



26.4753, 22.5785, 71.9646



20.1426, 16.0190, 40.5588



7.6555, 7.9104, 10.0761



5.7666, 2.6670, 29.2554



0.1849, 0.1231, 0.8220

Inverse Universe

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



23.8167, 18.4556, 16.2174



39.0691, 27.8021, 21.9324



28.3105, 35.9585, 17.0047



8.0439, 8.0308, 8.5421



12.7743, 6.5723, 1.1912



0.3677, 0.1878, 0.0981

Previews

White Background



This preview shows how the XYZ color 17.6454, 16.0523, 40.6965 looks on a white background.

Color Contrast Check

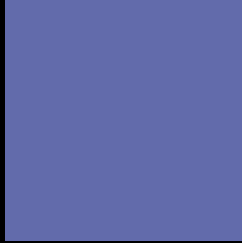
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6454, 16.0523, 40.6965 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 17.6454, 16.0523, 40.6965

Background



This preview shows how black text looks on a background with the XYZ color 17.6454, 16.0523, 40.6965.

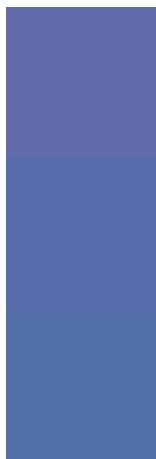


This preview shows how white text looks on a background with the XYZ color 17.6454, 16.0523,

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

17.6454, 16.0523, 40.6965

Protanopia

17.0360, 16.0291, 41.7312

Deuteranopia

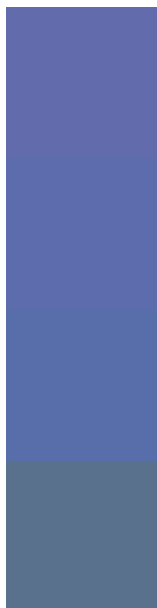
16.5074, 16.1102, 40.2697



Tritanopia

13.8490, 15.9756, 22.0923

Trichromacy



Original Color

17.6454, 16.0523, 40.6965

Protanomaly

17.2226, 15.9790, 41.2063

Deuteranomaly

16.8561, 16.1288, 40.2550

Tritanomaly

15.0041, 15.9369, 27.8765

Monochromacy



Original Color

17.6454, 16.0523, 40.6965

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.8730, 15.9711, 24.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6454, 16.0523, 40.6965 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(98, 107, 171)` looks like.

```
.text, #text, p{  
    color:rgb(98, 107, 171)  
}
```

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(98, 107, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 107, 171) }
```

Border

The CSS property to change the border of an element to XYZ 17.6454, 16.0523, 40.6965 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(98, 107, 171) }
```


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

```
.border{ border-color:rgb(98, 107, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 107, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(98, 107,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6454, 16.0523, 40.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 107, 171) }
```

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

```
.background{ background-color: rgb(98, 107,  
171) }
```

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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