

Converting Colors

XYZ(16.5561, 8.3677, 74.1413)

Have a look what the booklet for
XYZ(16.5561, 8.3677, 74.1413)
contains.

XYZ(16.5561, 8.3677, 74.1413)	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(16.5561, 8.3677,
74.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	372EE4
RGB	55, 46, 228
RGB Percent	22%, 18%, 89%
CMY	0.7843, 0.8196, 0.1059
CMYK	0.76, 0.80, 0.00, 0.11
HSL	243°, 77%, 54%
HSV	243°, 80%, 89%
XYZ	16.5561, 8.3677, 74.1413
YIQ	69.4390, -53.0580, 58.5100

Conversions

Conversions Part 2

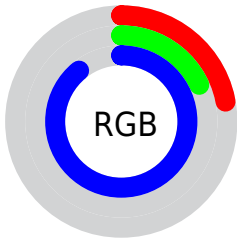
Format	Color
RYB	55, 46, 228
Decimal	3616484
CIELab	34.74, 60.54, -88.48
CIELCh	35, 107.208, 304.384
Yxy	8.3677, 0.1671, 0.0845
Android (android.graphics.Color)	4281806564 (0xFF372EE4)
YUV	69.4390, 78.1706, -12.6630
Hunter-Lab	28.9270, 51.5407, -131.7144

Details

The XYZ color **16.5561, 8.3677, 74.1413** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **57.4457, 70.7421, 13.2114**, and the grayscale version is **5.6112, 5.9034, 6.4288**.

A 20% lighter version of the original color is **31.5306, 20.5152, 96.9057**, and **7.3507, 2.9403, 38.7082** is the 20% darker color. If you saturate the color by 10%, you get **14.9521, 6.5511, 73.8755**, and if you desaturate by 10%, it is **19.1543, 11.3974, 74.5894**.

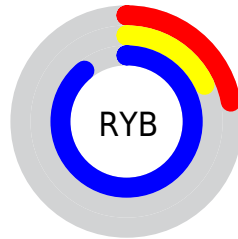
Distribution



Red (22%)

Green (18%)

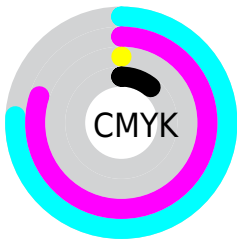
Blue (89%)



Red (22%)

Yellow (18%)

Blue (89%)

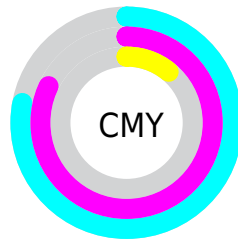


Cyan (76%)

Magenta (80%)

Yellow (0%)

Black (11%)



Cyan (78%)

Magenta (82%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5561, 8.3677, 74.1413 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 16.5561, 8.3677, 74.1413 by changing the saturation by 10% instead.

■ 16.5561, 8.3677,
74.1413

■ 16.5561, 8.3677,
74.1413

225.8076,
178.5883, 494.1373

■ 10.0118, 4.3311,
54.4122

■ 37.1107, 22.6762,
126.8320

■ 5.4691, 1.8605,
38.5359

■ 51.8517, 33.7169,
160.6307

■ 2.5626, 0.5244,
26.0938

■ 70.0557, 47.8611,
199.9563

■ 0.9269, 0.0000,
16.6674

■ 92.0880, 65.4932,
245.2274

■ 0.0000, 0.0000,
9.8382

■ 118.3140, 86.9975,
296.8625

■ 0.0000, 0.0000,
5.1876

■ 149.0990,

■ 0.0000, 0.0000,

112.7586, 355.2801

2.2971

184.8085,
143.1607, 420.8989

■ 0.0000, 0.0000,
0.7296

■ 0.0000, 0.0000,
0.0000

■ 16.5561, 8.3677,
74.1413

■ 16.5561, 8.3677,
74.1413

■ 14.9521, 6.5511,
73.8755

■ 19.1543, 11.3974,
74.5894

■ 14.1550, 5.6859,
73.7505

■ 22.8712, 15.8025,
75.2438

■ 14.1456, 5.6746,
73.7488

■ 27.8150, 21.7207,
76.1256

■ 34.0804, 29.2728,
77.2530

■ 41.7532, 38.5674,
78.6427

■ 50.9118, 49.7038,
80.3095

■ 61.6286, 62.7738,
82.2674

■ 73.9715, 77.8631,
84.5294

■ 88.0044, 95.0523,
87.1077

Harmonies

Analogous

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



8.8813, 8.3677, 99.9470



16.5561, 8.3677, 74.1413



23.8490, 8.3677, 32.6216

Triad

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



16.5561, 8.3677, 74.1413



14.1574, 8.3677, 0.0000



1.0626, 8.3677, 11.9191

Complementary

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



16.5561, 8.3677, 74.1413



57.4457, 70.7421, 13.2114

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.



1.3816, 8.3677, 0.9468



16.5561, 8.3677, 74.1413



7.0922, 8.3677, 0.0000

Square

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



16.5561, 8.3677, 74.1413



22.0376, 8.3677, 0.0000



3.0077, 8.3677, 0.0000



1.6790, 8.3677, 44.1420

Rectangle

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



16.5561, 8.3677, 74.1413



26.1959, 8.3677, 12.7978



3.0077, 8.3677, 0.0000



1.0683, 8.3677, 6.2104

Sweetspot

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



16.5567, 8.3678, 74.1416



60.2791, 57.5622, 102.5413



41.2339, 58.3895, 82.4961



12.0134, 11.2403, 21.7864



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.



16.5567, 8.3678, 74.1416



18.4988, 7.6157, 95.1027



26.3196, 13.4007, 74.5985



13.6485, 13.9210, 18.1120



8.1969, 3.2915, 42.5865



0.6292, 0.2553, 3.1481

Inverse Universe

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



45.7562, 23.5615, 69.1442



57.5095, 27.9449, 87.0579



37.5861, 60.5041, 12.2820



14.9627, 14.6023, 18.0037



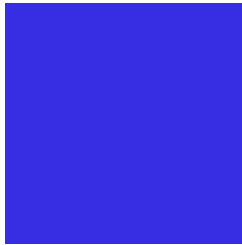
25.6985, 12.4136, 38.9028



1.9086, 0.9211, 2.9251

Previews

White Background



This preview shows how the XYZ color 16.5561, 8.3677, 74.1413 looks on a white background.

Color Contrast Check

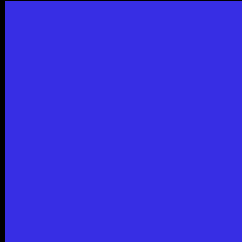
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 16.5561, 8.3677, 74.1413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

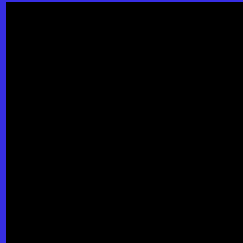
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5561, 8.3677, 74.1413

Background



This preview shows how black text looks on a background with the XYZ color 16.5561, 8.3677, 74.1413.



This preview shows how white text looks on a background with the XYZ color 16.5561, 8.3677,

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

16.5561, 8.3677, 74.1413

Protanopia

9.4252, 8.1291, 36.1943

Deuteranopia

7.9039, 8.2341, 25.9837



Tritanopia

5.7217, 8.1386, 12.0958

Trichromacy



Original Color

16.5561, 8.3677, 74.1413

Protanomaly

11.2063, 7.6330, 47.8964

Deuteranomaly

9.9250, 7.5076, 39.9557

Tritanomaly

7.6952, 7.0295, 26.9378

Monochromacy



Original Color

16.5561, 8.3677, 74.1413

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.6139, 5.9598, 20.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5561, 8.3677, 74.1413 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(55, 46, 228)` looks like.

```
.text, #text, p{  
    color:rgb(55, 46, 228)  
}
```

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(55, 46, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 46, 228) }
```

Border

The CSS property to change the border of an element to XYZ 16.5561, 8.3677, 74.1413 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(55, 46, 228) }
```


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

```
.border{ border-color:rgb(55, 46, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 46, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 46, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 46, 228);  
box-shadow:4px 4px 4px 4px rgb(55, 46,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5561, 8.3677, 74.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 46, 228) }
```

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

```
.background{ background-color: rgb(55, 46,  
228) }
```

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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