

Converting Colors

XYZ(15.5289, 6.8888, 72.1136)

Have a look what the booklet for
XYZ(15.5289, 6.8888, 72.1136)
contains.

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Color

**XYZ(15.6094, 6.9160,
72.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	3717E2
RGB	55, 23, 226
RGB Percent	22%, 9%, 89%
CMY	0.7843, 0.9098, 0.1137
CMYK	0.76, 0.90, 0.00, 0.11
HSL	249°, 82%, 49%
HSV	249°, 90%, 89%
XYZ	15.6094, 6.9160, 72.4637
YIQ	55.7100, -46.0910, 69.9170

Conversions

Conversions Part 2

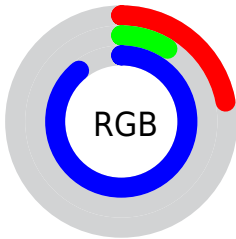
Format	Color
R _Y B	55, 23, 226
Decimal	3610594
CIE Lab	31.61, 68.58, -92.52
CIE LCh	32, 115.164, 306.545
Yxy	6.9160, 0.1643, 0.0728
Android (android.graphics.Color)	4281800674 (0xFF3717E2)
YUV	55.7100, 83.9530, -0.6227
Hunter-Lab	26.2983, 59.9270, -144.9620

Details

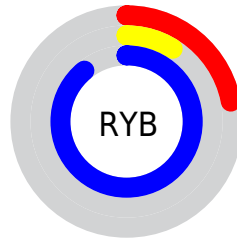
The XYZ color **15.6094, 6.9160, 72.4637** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **49.5937, 65.9213, 10.9204**, and the grayscale version is **3.6223, 3.8110, 4.1502**.

A 20% lighter version of the original color is **30.1246, 17.7031, 96.4371**, and **7.1614, 2.8646, 37.7116** is the 20% darker color. If you saturate the color by 10%, you get **14.4585, 5.8742, 72.3235**, and if you desaturate by 10%, it is **17.5164, 8.8710, 72.7408**.

Distribution



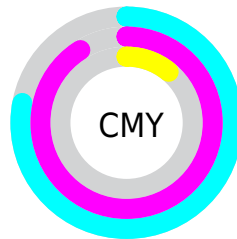
- Red (22%)
- Green (9%)
- Blue (89%)



- Red (22%)
- Yellow (9%)
- Blue (89%)



- Cyan (76%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6094, 6.9160, 72.4637 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 15.6094, 6.9160, 72.4637 by changing the saturation by 10% instead.

■ 15.6094, 6.9160,
72.4637

■ 15.6094, 6.9160,
72.4637

220.3417,
166.9639, 488.1748

■ 9.3373, 3.4096,
53.0484

■ 35.4817, 19.8040,
124.4294

■ 5.0207, 1.3491,
37.4534

■ 49.8126, 29.9545,
157.8169

■ 2.2943, 0.1788,
25.2602

■ 67.5605, 43.0884,
196.6989

■ 0.7917, 0.0000,
16.0502

■ 89.0906, 59.5902,
241.4939

■ 0.0000, 0.0000,
9.4050

■ 114.7685, 79.8442,
292.6204

■ 0.0000, 0.0000,
4.9059


■ 144.9594,

■ 0.0000, 0.0000,

104.2349, 350.4971

2.1344


 180.0287,
133.1467, 415.5424

 0.0000, 0.0000,
0.6361


 0.0000, 0.0000,
0.0000


 15.6094, 6.9160,
72.4637

 15.6094, 6.9160,
72.4637


 14.4585, 5.8742,
72.3235

 17.5164, 8.8710,
72.7408

 14.4428, 5.8598,
72.3216

 20.3289, 11.9799,
73.1927

 24.1480, 16.3901,
73.8426

 29.0603, 22.2264,
74.7102

■ 35.1430, 29.5989,
75.8127

■ 42.4658, 38.6068,
77.1654

■ 51.0934, 49.3410,
78.7826

■ 61.0854, 61.8856,
80.6773

■ 72.4981, 76.3191,
82.8617

Harmonies

Analogous

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



7.9172, 6.9160, 103.2787



15.6094, 6.9160, 72.4637



22.8470, 6.9160, 28.4980

Triad

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



15.6094, 6.9160, 72.4637



12.0347, 6.9160, 0.0000



0.5336, 6.9160, 11.7513

Complementary

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



15.6094, 6.9160, 72.4637



49.5937, 65.9213, 10.9204

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.



0.7475, 6.9160, 0.6062



15.6094, 6.9160, 72.4637



5.3910, 6.9160, 0.0000

Square

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



15.6094, 6.9160, 72.4637



20.0733, 6.9160, 0.0000



1.9407, 6.9160, 0.0000



1.0889, 6.9160, 46.5534

Rectangle

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



15.6094, 6.9160, 72.4637



24.9607, 6.9160, 9.6060



1.9407, 6.9160, 0.0000



0.5204, 6.9160, 5.7776

Sweetspot

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



15.6100, 6.9160, 72.4639



58.6691, 54.2727, 101.9912



33.7190, 44.9497, 78.8507



11.7753, 10.6475, 21.6845



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.



15.6100, 6.9160, 72.4639



18.9337, 7.6756, 95.0914



27.5412, 13.0668, 73.0223



13.1524, 13.3466, 17.2706



8.3037, 3.3760, 41.2623



0.6385, 0.2665, 2.8630

Inverse Universe

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



41.4056, 20.6753, 52.8349



53.4772, 26.1549, 66.3701



31.9717, 56.8368, 10.0957



14.1973, 13.8965, 16.8090



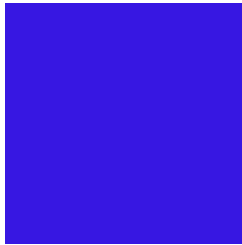
23.2541, 11.3686, 29.0674



1.6371, 0.7981, 2.1480

Previews

White Background



This preview shows how the XYZ color 15.6094, 6.9160, 72.4637 looks on a white background.

Color Contrast Check

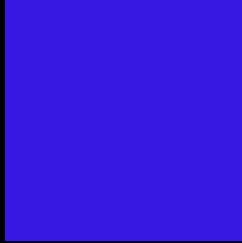
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6094, 6.9160, 72.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

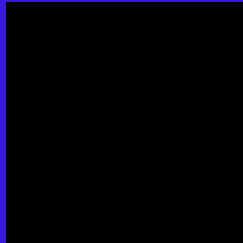
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6094, 6.9160, 72.4637

Background



This preview shows how black text looks on a background with the XYZ color 15.6094, 6.9160, 72.4637.



This preview shows how white text looks on a background with the XYZ color 15.6094, 6.9160,

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

15.6094, 6.9160, 72.4637

Protanopia

7.9033, 6.8691, 30.1875

Deuteranopia

6.5502, 6.8663, 21.4022



Tritanopia

4.8136, 6.8746, 10.0901

Trichromacy



Original Color

15.6094, 6.9160, 72.4637

Protanomaly

9.6435, 6.0014, 42.7696

Deuteranomaly

8.4525, 5.7553, 35.7874

Tritanomaly

6.5447, 5.3212, 24.7269

Monochromacy



Original Color

15.6094, 6.9160, 72.4637

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.8016, 3.9501, 17.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6094, 6.9160, 72.4637 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, 23, 226)` looks like.

```
.text, #text, p{  
  color:rgb(55, 23, 226)  
}
```

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, 23, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 23, 226) }
```

Border

The CSS property to change the border of an element to XYZ 15.6094, 6.9160, 72.4637 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, 23, 226) }
```


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

```
.border{ border-color:rgb(55, 23, 226) }
```

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

Here you see how a box with a 4 pixel rgb(55, 23, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 23, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 23, 226);  
box-shadow:4px 4px 4px 4px rgb(55, 23,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6094, 6.9160, 72.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 23, 226) }
```

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

```
.background{ background-color: rgb(55, 23,  
226) }
```

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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