

Converting Colors

XYZ(16.5498, 7.2557, 62.1571)

Have a look what the booklet for
XYZ(16.5498, 7.2557, 62.1571)
contains.

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Color

**XYZ(16.5315, 7.2446,
62.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	5F05D3
RGB	95, 5, 211
RGB Percent	37%, 2%, 83%
CMY	0.6274, 0.9804, 0.1725
CMYK	0.55, 0.98, 0.00, 0.17
HSL	266°, 95%, 42%
HSV	266°, 98%, 83%
XYZ	16.5315, 7.2446, 62.1551
YIQ	55.3940, -12.4860, 83.1460

Conversions

Conversions Part 2

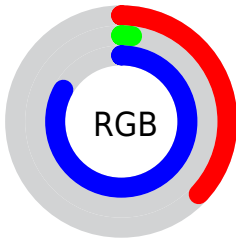
Format	Color
R _Y B	95, 5, 211
Decimal	6227411
CIE Lab	32.36, 70.66, -82.53
CIE LCh	32, 108.652, 310.570
Yxy	7.2446, 0.1924, 0.0843
Android (android.graphics.Color)	4284417491 (0xFF5F05D3)
YUV	55.3940, 76.7138, 34.7345
Hunter-Lab	26.9158, 62.5309, -118.0739

Details

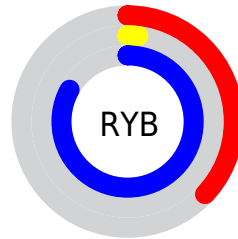
The XYZ color **16.5315, 7.2446, 62.1551** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **31.2048, 50.6636, 8.2777**, and the grayscale version is **3.5881, 3.7750, 4.1109**.

A 20% lighter version of the original color is **34.6666, 19.5213, 96.5486**, and **5.9289, 2.3730, 31.1559** is the 20% darker color. If you saturate the color by 10%, you get **16.1911, 6.9886, 62.1238**, and if you desaturate by 10%, it is **18.1791, 8.5648, 62.3233**.

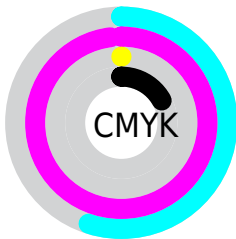
Distribution



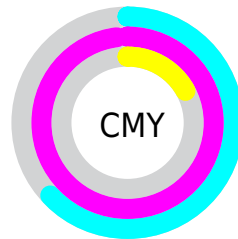
- Red (37%)
- Green (2%)
- Blue (83%)



- Red (37%)
- Yellow (2%)
- Blue (83%)



- Cyan (55%)
- Magenta (98%)
- Yellow (0%)
- Black (17%)





- Cyan (63%)
- Magenta (98%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5315, 7.2446, 62.1551 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 16.5315, 7.2446, 62.1551 by changing the saturation by 10% instead.

 16.5315, 7.2446,
62.1551


 16.5315, 7.2446,
62.1551


225.6671,
169.6809, 450.5199


 9.9943, 3.6155,
44.7214


 37.0685, 20.4636,
109.5234


 5.4574, 1.4609,
30.8967


 51.7990, 30.8224,
140.2952


 2.5555, 0.2610,
20.2624


 69.9913, 44.1931,
176.3500

 0.9233, 0.0000,
12.4000

 92.0108, 60.9603,
218.1065

 0.0000, 0.0000,
6.8909

 118.2227, 81.5082,
265.9832


 0.0000, 0.0000,
3.3165


 148.9925,

 0.0000, 0.0000,


106.2214, 320.3987


1.2584


 184.6855,
135.4842, 381.7714


 0.0000, 0.0000,
0.0274


 0.0000, 0.0000,
0.0000

 16.5315, 7.2446,
62.1551


 16.5315, 7.2446,
62.1551

 16.1911, 6.9886,
62.1238

 18.1791, 8.5648,
62.3233

 20.3579, 10.6570,
62.6123

 23.1482, 13.6699,
63.0468

 26.6090, 17.7108,
63.6444

■ 30.7913, 22.8715,
64.4200

■ 35.7403, 29.2332,
65.3871

■ 41.4976, 36.8697,
66.5577

■ 48.1013, 45.8482,
67.9427

■ 55.5869, 56.2315,
69.5523

Harmonies

Analogous

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



9.0558, 7.2446, 93.6238



16.5315, 7.2446, 62.1551



22.8504, 7.2446, 23.2372

Triad

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



16.5315, 7.2446, 62.1551



11.1250, 7.2446, 0.0000



0.7974, 7.2446, 15.0048

Complementary

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



16.5315, 7.2446, 62.1551



31.2048, 50.6636, 8.2777

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.



0.9049, 7.2446, 1.4340



16.5315, 7.2446, 62.1551



5.0934, 7.2446, 0.0000

Square

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



16.5315, 7.2446, 62.1551



18.7317, 7.2446, 0.0000



1.9885, 7.2446, 0.0000



1.5175, 7.2446, 49.7462

Rectangle

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



16.5315, 7.2446, 62.1551



24.2409, 7.2446, 7.5856



1.9885, 7.2446, 0.0000



0.7525, 7.2446, 8.1987

Sweetspot

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



16.5320, 7.2447, 62.1553



62.1298, 54.4884, 101.8505



18.7468, 18.5881, 64.2281



12.4691, 10.5594, 21.6309



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.



16.5320, 7.2447, 62.1553



24.6587, 10.6269, 95.3593



34.9079, 16.7178, 63.0153



11.6468, 11.6667, 14.8817



9.8845, 4.2759, 37.4969



0.6430, 0.2856, 2.1008

Inverse Universe

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



30.3685, 15.3374, 19.4442



46.2419, 23.2608, 28.2696



23.5849, 46.7354, 7.9211



12.0835, 11.9181, 13.7155



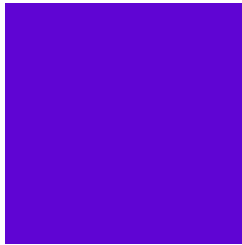
18.2671, 9.1797, 11.5789



1.0609, 0.5291, 0.8554

Previews

White Background



This preview shows how the XYZ color 16.5315, 7.2446, 62.1551 looks on a white background.

Color Contrast Check

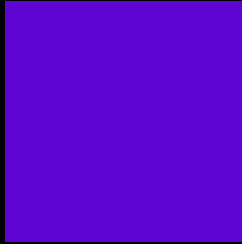
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5315, 7.2446, 62.1551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

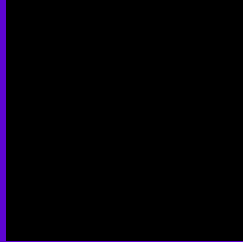
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5315, 7.2446, 62.1551

Background



This preview shows how black text looks on a background with the XYZ color 16.5315, 7.2446, 62.1551.



This preview shows how white text looks on a background with the XYZ color 16.5315, 7.2446,

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

16.5315, 7.2446, 62.1551

Protanopia

8.6019, 7.4665, 32.8861

Deuteranopia

7.1717, 7.4586, 23.6159



Tritanopia

6.2887, 7.5127, 10.5698

Trichromacy



Original Color

16.5315, 7.2446, 62.1551

Protanomaly

9.7696, 5.8129, 42.2021

Deuteranomaly

8.4878, 5.5122, 34.7990

Tritanomaly

7.9367, 5.5607, 22.8453

Monochromacy



Original Color

16.5315, 7.2446, 62.1551

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

6.1120, 3.7951, 15.7396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5315, 7.2446, 62.1551 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(95, 5, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 5, 211)  
}
```

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(95, 5, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 5, 211) }
```

Border

The CSS property to change the border of an element to XYZ 16.5315, 7.2446, 62.1551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

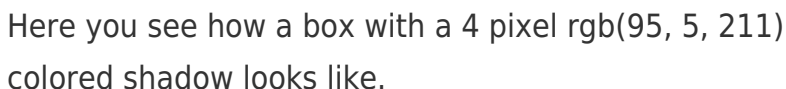
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 5, 211) }
```


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

```
.border{ border-color:rgb(95, 5, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 5, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 5, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 5, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 5, 211)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.5315, 7.2446, 62.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 5, 211) }
```

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

```
.background{ background-color: rgb(95, 5,  
211) }
```

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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