

Converting Colors

XYZ(18.1201, 7.3045, 95.0626)

Have a look what the booklet for
XYZ(18.1201, 7.3045, 95.0626)
contains.

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Color

**XYZ(18.1201, 7.3045,
95.0626)**

Conversions

Conversions Part 1

Format	Color
Hex	0303FF
RGB	3, 3, 255
RGB Percent	1%, 1%, 100%
CMY	0.9879, 0.9883, 0.0000
CMYK	0.99, 0.99, 0.00, 0.00
HSL	240°, 100%, 51%
HSV	240°, 99%, 100%
XYZ	18.1201, 7.3045, 95.0626
YIQ	31.7280, -80.8920, 78.3720

Conversions

Conversions Part 2

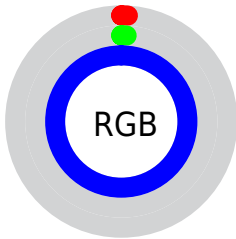
Format	Color
R _Y B	3, 3, 255
Decimal	197631
CIE Lab	32.49, 78.76, -107.55
CIE LCh	32, 133.303, 306.216
Yxy	7.3045, 0.1504, 0.0606
Android (android.graphics.Color)	4278387711 (0xFF0303FF)
YUV	31.7280, 110.0731, -25.1945
Hunter-Lab	27.0268, 72.3781, -189.6243

Details

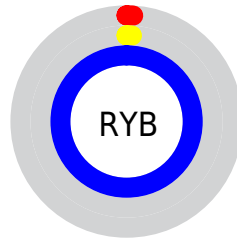
The XYZ color **18.1201, 7.3045, 95.0626** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **76.9800, 92.7678, 13.9341**, and the grayscale version is **1.2836, 1.3504, 1.4706**.

A 20% lighter version of the original color is **28.2525, 15.9197, 96.1915**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.0512, 7.2206, 95.0501**, and if you desaturate by 10%, it is **18.9711, 8.3281, 95.2153**.

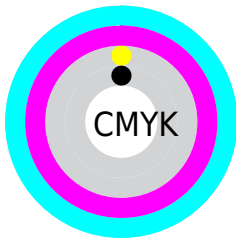
Distribution



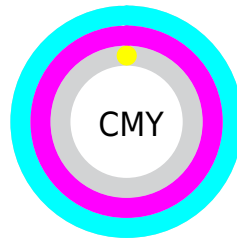
- Red (1%)
- Green (1%)
- Blue (100%)



- Red (1%)
- Yellow (1%)
- Blue (100%)



- Cyan (99%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1201, 7.3045, 95.0626 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 18.1201, 7.3045, 95.0626 by changing the saturation by 10% instead.


 18.1201, 7.3045,
95.0626


 18.1201, 7.3045,
95.0626


234.5796,
170.1704, 565.3548


 11.1365, 3.6533,
71.5899


 39.7703, 20.5832,
156.3474


 6.2267, 1.4816,
52.3390


 55.1677, 30.9795,
194.9966

 3.0254, 0.2757,
36.8912


 74.1002, 44.3928,
239.5417

 1.1672, 0.0000,
24.8282

 96.9334, 61.2077,
290.4013

 0.0802, 0.0000,
15.7312

 124.0326, 81.8085,
347.9938


 0.0000, 0.0000,
9.1819


 155.7632,


 0.0000, 0.0000,


106.5797, 412.7379


4.7616


 192.4904,
135.9055, 485.0521


 0.0000, 0.0000,
2.0518


 0.0000, 0.0000,
0.5868


 18.1201, 7.3045,
95.0626

 18.1201, 7.3045,
95.0626

 18.0512, 7.2206,
95.0501

 18.9711, 8.3281,
95.2153

 20.8923, 10.6418,
95.5607

 24.1503, 14.5665,
96.1465

 28.9288, 20.3235,
97.0059

■ 35.3826, 28.0994,
98.1666

■ 43.6474, 38.0580,
99.6532

■ 53.8452, 50.3463,
101.4876

■ 66.0874, 65.0983,
103.6898

■ 80.4768, 82.4383,
106.2783

Harmonies

Analogous

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



8.4826, 7.3045, 137.3962



18.1201, 7.3045, 95.0626



27.5727, 7.3045, 35.2769

Triad

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



18.1201, 7.3045, 95.0626



13.7961, 7.3045, 0.0000



0.1837, 7.3045, 12.8245

Complementary

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



18.1201, 7.3045, 95.0626



76.9800, 92.7678, 13.9341

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.



0.4409, 7.3045, 0.1578



18.1201, 7.3045, 95.0626



5.6015, 7.3045, 0.0000

Square

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



18.1201, 7.3045, 95.0626



24.1207, 7.3045, 0.0000



1.6802, 7.3045, 0.0000



0.7933, 7.3045, 58.2549

Rectangle

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



18.1201, 7.3045, 95.0626



30.4223, 7.3045, 10.7377



1.6802, 7.3045, 0.0000



0.1717, 7.3045, 5.6975

Sweetspot

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



18.1208, 7.3044, 95.0626



52.5520, 48.7879, 101.2550



53.8472, 78.7592, 106.9717



10.2972, 9.2966, 21.5016



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.



18.1208, 7.3044, 95.0626



18.0512, 7.2206, 95.0501



27.1337, 11.9508, 95.4844



17.0038, 17.3782, 22.7081



9.4325, 3.7731, 49.6657



0.9186, 0.3675, 4.8358

Inverse Universe

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



59.3064, 28.5382, 96.9072



59.2739, 28.4736, 96.8954



44.8277, 76.1927, 12.4294



18.7924, 18.3003, 22.7901



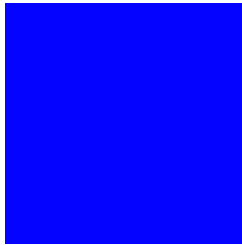
30.9721, 14.8781, 50.6307



3.0157, 1.4487, 4.9302

Previews

White Background



This preview shows how the XYZ color 18.1201, 7.3045, 95.0626 looks on a white background.

Color Contrast Check

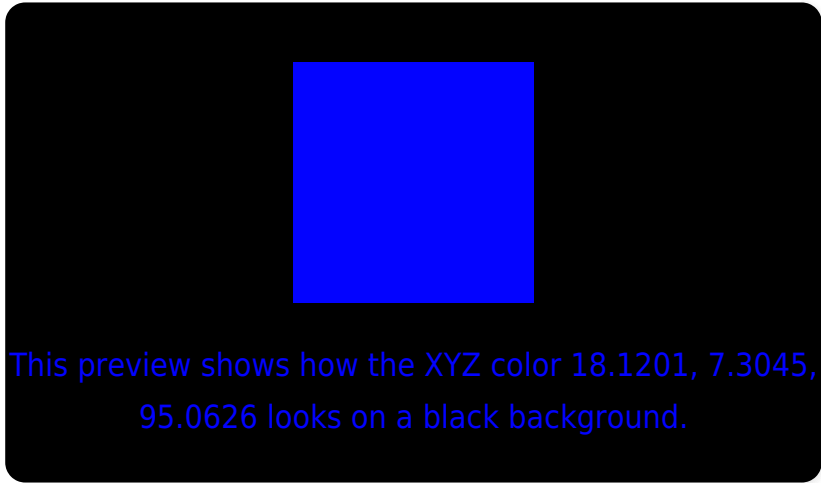
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 18.1201, 7.3045, 95.0626

Background



This preview shows how black text looks on a background with the XYZ color 18.1201, 7.3045, 95.0626.



This preview shows how white text looks on a background with the XYZ color 18.1201, 7.3045,

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

18.1201, 7.3045, 95.0626

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

7.0335, 7.4033, 22.8881

Trichromacy



Original Color

18.1201, 7.3045, 95.0626

Protanomaly

10.5839, 5.9261, 50.4552

Deuteranomaly

9.1763, 5.6368, 42.1993

Monochromacy



Original Color

18.1201, 7.3045, 95.0626

Achromatopsia

1.3729, 1.4444, 1.5729

Achromatomaly

3.5581, 1.8880, 15.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1201, 7.3045, 95.0626 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(3, 3, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 3, 255)  
}
```

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(3, 3, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 3, 255) }
```

Border

The CSS property to change the border of an element to XYZ 18.1201, 7.3045, 95.0626 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(3, 3, 255) }
```

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

```
.border{ border-color:rgb(3, 3, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 3, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 3, 255); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 3, 255); box-shadow:4px  
4px 4px 4px rgb(3, 3, 255) }
```


Background

The CSS property to change the background color of an element to XYZ 18.1201, 7.3045, 95.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 3, 255) }
```

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

```
.background{ background-color: rgb(3, 3,  
255) }
```

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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