

Converting Colors

XYZ(32.0472, 25.6641, 74.5617)

Have a look what the booklet for
XYZ(32.0472, 25.6641, 74.5617)
contains.

XYZ(31.9536, 25.6023, 74.4918)	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(31.9536, 25.6023,
74.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7CE1
RGB	142, 124, 225
RGB Percent	56%, 49%, 88%
CMY	0.4431, 0.5137, 0.1176
CMYK	0.37, 0.45, 0.00, 0.12
HSL	251°, 63%, 68%
HSV	251°, 45%, 88%
XYZ	31.9536, 25.6023, 74.4918
YIQ	140.8960, -21.6930, 35.2270

Conversions

Conversions Part 2

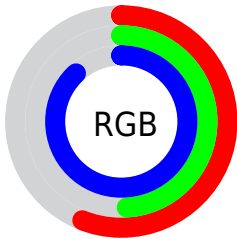
Format	Color
R_{YB}	142, 124, 225
Decimal	9338081
CIE _{Lab}	57.66, 30.18, -49.23
CIE _{LCh}	58, 57.747, 301.506
Yxy	25.6023, 0.2420, 0.1939
Android (android.graphics.Color)	4287528161 (0xFF8E7CE1)
YUV	140.8960, 41.4633, 0.9682
Hunter-Lab	50.5987, 24.1768, -51.8681

Details

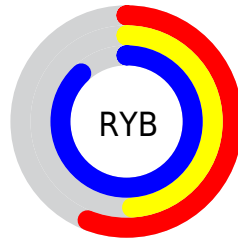
The XYZ color **31.9536, 25.6023, 74.4918** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **56.2955, 68.5714, 29.3380**, and the grayscale version is **25.1264, 26.4350, 28.7877**.

A 20% lighter version of the original color is **57.3253, 50.8064, 101.3930**, and **13.6080, 9.9230, 38.7342** is the 20% darker color. If you saturate the color by 10%, you get **26.5354, 19.0904, 73.5209**, and if you desaturate by 10%, it is **38.5433, 33.6738, 75.7029**.

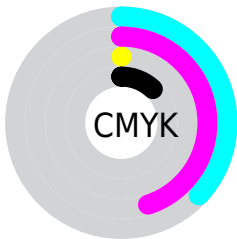
Distribution



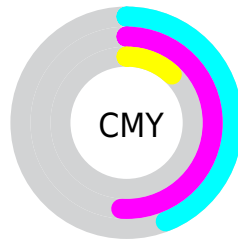
- Red (56%)
- Green (49%)
- Blue (88%)



- Red (56%)
- Yellow (49%)
- Blue (88%)



- Cyan (37%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (44%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9536, 25.6023, 74.4918 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 31.9536, 25.6023, 74.4918 by changing the saturation by 10% instead.

■ 31.9536, 25.6023,
74.4918

■ 31.9536, 25.6023,
74.4918

302.6569,
280.8243, 495.3777

■ 21.4814, 16.5264,
54.6974

■ 62.1040, 52.6327,
127.3332

■ 13.5908, 9.8974,
38.7626

■ 82.5130, 71.3559,
161.2173

■ 7.9164, 5.3310,
26.2687

■ 106.9650, 94.0636,
200.6351

■ 4.0929, 2.4427,
16.7972

135.8252,
121.1403, 246.0050

■ 1.7548, 0.8477,
9.9296

169.4592,
152.9703, 297.7457

■ 0.4902, 0.0000,
5.2473

208.2323,

■ 0.0000, 0.0000,

189.9381, 356.2757

2.3318

252.5097,
232.4279, 422.0136

■ 0.0000, 0.0000,
0.7490

■ 0.0000, 0.0000,
0.0000

■ 31.9536, 25.6023,
74.4918

■ 31.9536, 25.6023,
74.4918

■ 26.5354, 19.0904,
73.5209

■ 38.5433, 33.6738,
75.7029

■ 22.2154, 14.0333,
72.7725

■ 46.3656, 43.3948,
77.1670

■ 18.9165, 10.3174,
72.2291

■ 55.4813, 54.8516,
78.8979

■ 16.5498, 7.8110,
71.8701

■ 65.9458, 68.1239,
80.9082

■ 15.0098, 6.3542,
71.6701

■ 77.8115, 83.2860,
83.2094

■ 14.4698, 5.8895,
71.6088

■ 89.8377, 97.8281,
85.3824

■ 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



24.6848, 25.6023, 85.7886



31.9536, 25.6023, 74.4918



37.9687, 25.6023, 50.2383

Triad

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



31.9536, 25.6023, 74.4918



31.2343, 25.6023, 6.0325



13.3279, 25.6023, 28.8879

Complementary

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



31.9536, 25.6023, 74.4918



56.2955, 68.5714, 29.3380

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.



14.4306, 25.6023, 13.3857



31.9536, 25.6023, 74.4918



23.9869, 25.6023, 4.5237

Square

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



31.9536, 25.6023, 74.4918



37.5012, 25.6023, 12.3522



18.0339, 25.6023, 6.3999



14.6783, 25.6023, 52.8454

Rectangle

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



31.9536, 25.6023, 74.4918



39.9707, 25.6023, 33.8792



18.0339, 25.6023, 6.3999



13.4225, 25.6023, 22.6284

Sweetspot

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



31.9546, 25.6032, 74.4924



76.0498, 75.8374, 105.2376



44.5000, 54.9151, 79.4890



15.6539, 15.4440, 22.4059



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.



31.9546, 25.6032, 74.4924



35.5748, 25.7495, 97.7029



42.3687, 30.9719, 74.9798



13.1787, 13.3602, 17.2719



8.4075, 3.4296, 41.2672



0.6509, 0.2729, 2.8636

Inverse Universe

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



49.5218, 34.9284, 63.1626



61.9835, 39.7915, 79.6133



44.5990, 62.5416, 28.7906



14.1847, 13.8915, 16.7428



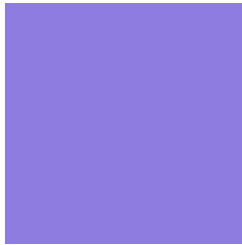
22.9724, 11.2560, 27.5841



1.6201, 0.7913, 2.0583

Previews

White Background



This preview shows how the XYZ color 31.9536, 25.6023, 74.4918 looks on a white background.

Color Contrast Check

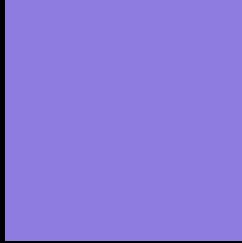
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.9536, 25.6023, 74.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

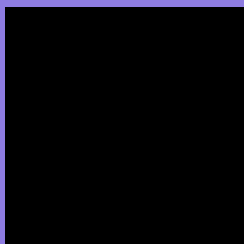
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9536, 25.6023, 74.4918

Background



This preview shows how black text looks on a background with the XYZ color 31.9536, 25.6023, 74.4918.



This preview shows how white text looks on a background with the XYZ color 31.9536, 25.6023,

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

31.9536, 25.6023, 74.4918

Protanopia

28.3787, 25.7590, 82.0735

Deuteranopia

26.6339, 25.9128, 72.7052



Tritanopia

23.7966, 25.7524, 33.4223

Trichromacy



Original Color

31.9536, 25.6023, 74.4918

Protanomaly

29.2222, 25.4469, 78.9729

Deuteranomaly

28.1511, 25.6291, 73.2752

Tritanomaly

26.3164, 25.4882, 46.1805

Monochromacy



Original Color

31.9536, 25.6023, 74.4918

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.0949, 25.9692, 42.6142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9536, 25.6023, 74.4918 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(142, 124, 225)` looks like.

```
.text, #text, p{  
    color:rgb(142, 124, 225)  
}
```

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(142, 124, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 124, 225) }
```

Border

The CSS property to change the border of an element to XYZ 31.9536, 25.6023, 74.4918 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(142, 124, 225) }
```


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

```
.border{ border-color:rgb(142, 124, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 124, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 124, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 124, 225);  
box-shadow:4px 4px 4px 4px rgb(142, 124,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9536, 25.6023, 74.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 124, 225) }
```

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

```
.background{ background-color: rgb(142,  
124, 225) }
```

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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