

Converting Colors

XYZ(24.0468, 10.4051, 91.1013)

Have a look what the booklet for
XYZ(24.0468, 10.4051, 91.1013)
contains.

XYZ(24.0654, 10.4128, 91.1840)	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(24.0654, 10.4128,
91.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	7100FA
RGB	113, 0, 250
RGB Percent	44%, 0%, 98%
CMY	0.5568, 1.0000, 0.0196
CMYK	0.55, 1.00, 0.00, 0.02
HSL	267°, 100%, 49%
HSV	267°, 100%, 98%
XYZ	24.0654, 10.4128, 91.1840
YIQ	62.2870, -12.9020, 101.7060

Conversions

Conversions Part 2

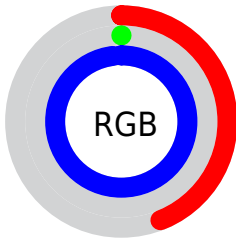
Format	Color
R _Y B	113, 0, 250
Decimal	7405818
CIE Lab	38.57, 81.09, -94.42
CIE LCh	39, 124.463, 310.654
Yxy	10.4128, 0.1915, 0.0829
Android (android.graphics.Color)	4285595898 (0xFF7100FA)
YUV	62.2870, 92.5425, 44.4753
Hunter-Lab	32.2689, 76.6508, -144.9509

Details

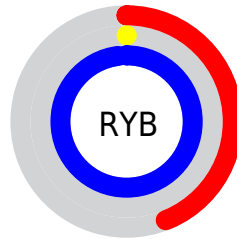
The XYZ color **24.0654, 10.4128, 91.1840** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **44.5012, 73.6893, 11.8780**, and the grayscale version is **4.4928, 4.7268, 5.1475**.

A 20% lighter version of the original color is **39.2788, 22.4223, 96.8655**, and **9.9933, 4.0526, 50.1247** is the 20% darker color. If you saturate the color by 10%, you get **24.0664, 10.4133, 91.1844**, and if you desaturate by 10%, it is **26.3118, 12.0869, 91.3891**.

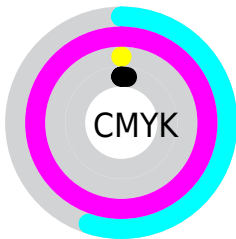
Distribution



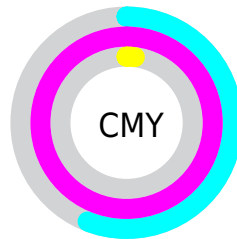
- Red (44%)
- Green (0%)
- Blue (98%)



- Red (44%)
- Yellow (0%)
- Blue (98%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (56%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0654, 10.4128, 91.1840 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 24.0654, 10.4128, 91.1840 by changing the saturation by 10% instead.

 24.0654, 10.4128,
91.1840

 24.0654, 10.4128,
91.1840


265.5853,
193.5934, 552.5440


 15.5071, 5.6735,
68.3838


 49.5908, 26.5691,
150.9318

 9.2647, 2.6476,
49.7414


 67.2887, 38.7549,
188.7165

 4.9727, 0.9506,
34.8382


 88.7637, 54.1916,
232.3331

 2.2659, 0.0000,
23.2557

 114.3814, 73.2637,
282.2002

 0.7771, 0.0000,
14.5754

 144.5071, 96.3555,
338.7363

 0.0000, 0.0000,
8.3786

 179.5060,

 0.0000, 0.0000,

123.8515, 402.3600

4.2469

219.7437,
156.1360, 473.4897

■ 0.0000, 0.0000,
1.7618

■ 0.0000, 0.0000,
0.4026

■ 24.0654, 10.4128,
91.1840

■ 24.0654, 10.4128,
91.1840

■ 24.0664, 10.4133,
91.1844

■ 26.3118, 12.0869,
91.3891

■ 29.2797, 14.7941,
91.7552

■ 33.1179, 18.8147,
92.3289

■ 37.9194, 24.3199,
93.1385

■ 43.7634, 31.4542,
94.2075

■ 50.7200, 40.3441,
95.5568

■ 58.8523, 51.1033,
97.2049

■ 68.2186, 63.8357,
99.1688

■ 78.8728, 78.6373,
101.4643

Harmonies

Analogous

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



13.0949, 10.4128, 137.9424



24.0654, 10.4128, 91.1840



33.3515, 10.4128, 33.7275

Triad

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



24.0654, 10.4128, 91.1840



16.0668, 10.4128, 0.0000



1.0946, 10.4128, 21.8559

Complementary

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



24.0654, 10.4128, 91.1840



44.5012, 73.6893, 11.8780

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.



1.2428, 10.4128, 2.0104



24.0654, 10.4128, 91.1840



7.2675, 10.4128, 0.0000

Square

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



24.0654, 10.4128, 91.1840



27.2399, 10.4128, 0.0000



2.7849, 10.4128, 0.0000



2.1227, 10.4128, 73.1664

Rectangle

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



24.0654, 10.4128, 91.1840



35.3830, 10.4128, 10.8319



2.7849, 10.4128, 0.0000



1.0336, 10.4128, 11.8592

Sweetspot

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



24.0664, 10.4133, 91.1844



61.5339, 53.4182, 101.6753



26.2723, 24.9360, 93.8713



12.3697, 10.3650, 21.5986



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.



24.0664, 10.4133, 91.1844



25.1554, 10.8830, 95.3825



52.3478, 24.9929, 92.5079



17.0282, 17.0272, 21.7744



12.9262, 5.6064, 48.3744



1.3175, 0.5812, 4.4859

Inverse Universe

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



43.9394, 22.1300, 25.6201



45.9540, 23.1456, 26.7533



34.3444, 68.4533, 11.4027



17.6426, 17.3844, 19.9736



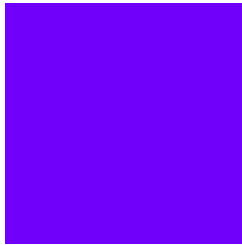
23.3804, 11.7679, 13.9773



2.2189, 1.1113, 1.5761

Previews

White Background



This preview shows how the XYZ color 24.0654, 10.4128, 91.1840 looks on a white background.

Color Contrast Check

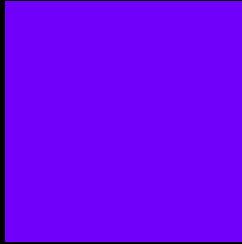
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.0654, 10.4128, 91.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

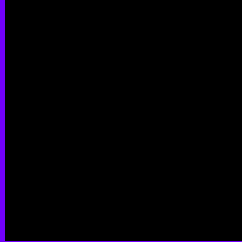
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.0654, 10.4128, 91.1840

Background



This preview shows how black text looks on a background with the XYZ color 24.0654, 10.4128, 91.1840.



This preview shows how white text looks on a background with the XYZ color 24.0654, 10.4128,

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

24.0654, 10.4128, 91.1840

Protanopia

12.5420, 10.7326, 48.4243

Deuteranopia

10.3502, 10.6876, 34.3183



Tritanopia

8.8744, 10.6261, 14.9479

Trichromacy



Original Color

24.0654, 10.4128, 91.1840

Protanomaly

14.0104, 8.0508, 61.7883

Deuteranomaly

12.0447, 7.5089, 50.6837

Tritanomaly

11.2875, 7.6632, 33.2320

Monochromacy



Original Color

24.0654, 10.4128, 91.1840

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

8.1481, 4.8121, 21.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0654, 10.4128, 91.1840 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(113, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(113, 0, 250)  
}
```

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(113, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 250) }
```

Border

The CSS property to change the border of an element to XYZ 24.0654, 10.4128, 91.1840 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(113, 0, 250) }
```


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

```
.border{ border-color:rgb(113, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(113, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(113, 0,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0654, 10.4128, 91.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 250) }
```

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

```
.background{ background-color: rgb(113, 0,  
250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor