

Converting Colors

XYZ(24.1748, 18.4512, 74.2394)

Have a look what the booklet for
XYZ(24.1748, 18.4512, 74.2394)
contains.

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Color

**XYZ(24.1459, 18.3608,
74.2229)**

Conversions

Conversions Part 1

Format	Color
Hex	6569E2
RGB	101, 105, 226
RGB Percent	40%, 41%, 89%
CMY	0.6039, 0.5882, 0.1137
CMYK	0.55, 0.54, 0.00, 0.11
HSL	238°, 68%, 64%
HSV	238°, 55%, 89%
XYZ	24.1459, 18.3608, 74.2229
YIQ	117.5980, -41.2250, 36.7830

Conversions

Conversions Part 2

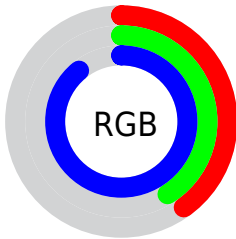
Format	Color
R_{YB}	101, 105, 226
Decimal	6646242
CIE _{Lab}	49.93, 32.48, -62.34
CIE _{LCh}	50, 70.299, 297.522
Yxy	18.3608, 0.2069, 0.1573
Android (android.graphics.Color)	4284836322 (0xFF6569E2)
YUV	117.5980, 53.4422, -14.5564
Hunter-Lab	42.8495, 25.5990, -72.7061

Details

The XYZ color **24.1459, 18.3608, 74.2229** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **59.8366, 69.3547, 22.5467**, and the grayscale version is **16.9431, 17.8255, 19.4119**.

A 20% lighter version of the original color is **44.4357, 38.4705, 99.6913**, and **9.3338, 6.2197, 38.7388** is the 20% darker color. If you saturate the color by 10%, you get **20.0055, 13.3332, 73.4711**, and if you desaturate by 10%, it is **29.5567, 24.8942, 75.1992**.

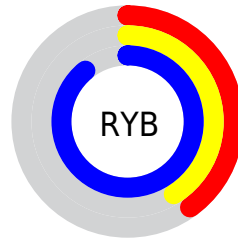
Distribution



Red (40%)

Green (41%)

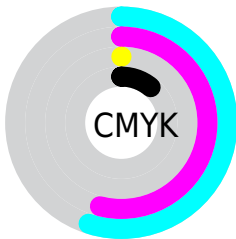
Blue (89%)



Red (40%)

Yellow (41%)

Blue (89%)

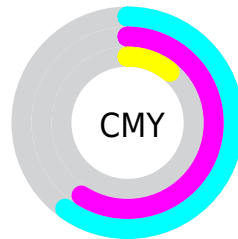


Cyan (55%)

Magenta (54%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (59%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1459, 18.3608, 74.2229 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 24.1459, 18.3608, 74.2229 by changing the saturation by 10% instead.

■ 24.1459, 18.3608,
74.2229

■ 24.1459, 18.3608,
74.2229

265.9841,
242.8969, 494.4263

■ 15.5672, 11.2093,
54.4786

■ 49.7211, 40.6512,
126.9487

■ 9.3073, 6.2078,
38.5887

■ 67.4484, 56.5589,
160.7673

■ 5.0009, 2.9719,
26.1345

■ 88.9558, 76.1541,
200.1143

■ 2.2825, 1.1171,
16.6976

■ 114.6089, 99.8212,
245.4085

■ 0.7857, 0.0000,
9.8595

144.7729,
127.9447, 297.0682

■ 0.0000, 0.0000,
5.2015

179.8132,

■ 0.0000, 0.0000,

160.9088, 355.5120

2.3052

220.0951,
199.0981, 421.1586

■ 0.0000, 0.0000,
0.7341

■ 0.0000, 0.0000,
0.0000

■ 24.1459, 18.3608,
74.2229

■ 24.1459, 18.3608,
74.2229

■ 20.0055, 13.3332,
73.4711

■ 29.5567, 24.8942,
75.1992

■ 17.0295, 9.6899,
72.9247

■ 36.3273, 33.0389,
76.4144

■ 15.0990, 7.2930,
72.5638

■ 44.5422, 42.8925,
77.8834

■ 14.0685, 5.9757,
72.3639

■ 54.2782, 54.5448,
79.6194

■ 13.8059, 5.6478,
72.3144

■ 65.6066, 68.0791,
81.6347

■ 78.5942, 83.5734,
83.9409

■ 90.7276, 98.2710,
86.1383

Harmonies

Analogous

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



16.8973, 18.3608, 84.6575



24.1459, 18.3608, 74.2229



30.8152, 18.3608, 47.2548

Triad

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



24.1459, 18.3608, 74.2229



25.3705, 18.3608, 2.1875



7.4469, 18.3608, 18.4304

Complementary

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



24.1459, 18.3608, 74.2229



59.8366, 69.3547, 22.5467

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.



8.6474, 18.3608, 5.9569



24.1459, 18.3608, 74.2229



18.0174, 18.3608, 1.1157

Square

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



24.1459, 18.3608, 74.2229



31.6406, 18.3608, 7.2841



12.1250, 18.3608, 1.8407



8.3014, 18.3608, 42.4949

Rectangle

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



24.1459, 18.3608, 74.2229



33.3963, 18.3608, 29.1245



12.1250, 18.3608, 1.8407



7.6146, 18.3608, 13.0008

Sweetspot

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



24.1468, 18.3614, 74.2234



68.9037, 68.7713, 104.2503



45.7267, 62.4252, 78.6300



14.1748, 14.0338, 22.2117



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.



24.1468, 18.3614, 74.2234



25.7864, 16.8996, 96.5106



32.7469, 22.2051, 74.5120



12.9870, 13.3131, 17.2729



7.8925, 3.2547, 41.2606



0.5596, 0.2507, 2.8641

Inverse Universe

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



38.5684, 26.4974, 16.4465



46.5591, 28.8020, 13.2484



45.6241, 63.6214, 22.1891



13.7249, 13.7076, 14.3215



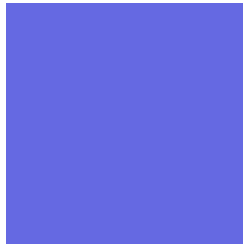
17.9240, 9.2366, 0.9996



1.2487, 0.6428, 0.1027

Previews

White Background



This preview shows how the XYZ color 24.1459, 18.3608, 74.2229 looks on a white background.

Color Contrast Check

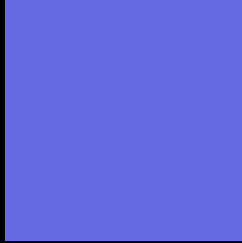
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1459, 18.3608, 74.2229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

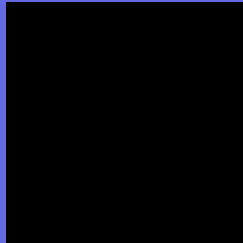
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1459, 18.3608, 74.2229

Background



This preview shows how black text looks on a background with the XYZ color 24.1459, 18.3608, 74.2229.



This preview shows how white text looks on a background with the XYZ color 24.1459, 18.3608,

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

24.1459, 18.3608, 74.2229

Protanopia

21.9206, 18.4841, 81.7693

Deuteranopia

18.7210, 18.4282, 64.8577



Tritanopia

14.6311, 18.2789, 26.8018

Trichromacy



Original Color

24.1459, 18.3608, 74.2229

Protanomaly

22.1134, 18.1557, 78.6828

Deuteranomaly

19.4181, 17.6645, 68.0318

Tritanomaly

17.2459, 17.8453, 40.5657

Monochromacy



Original Color

24.1459, 18.3608, 74.2229

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.6730, 17.6893, 34.3285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1459, 18.3608, 74.2229 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(101, 105, 226)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 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(101, 105, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 226) }
```

Border

The CSS property to change the border of an element to XYZ 24.1459, 18.3608, 74.2229 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(101, 105, 226) }
```


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

```
.border{ border-color:rgb(101, 105, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 105, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 105, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 105, 226); box-shadow:4px 4px 4px 4px rgb(101, 105, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1459, 18.3608, 74.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 226) }
```

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

```
.background{ background-color: rgb(101,  
105, 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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