

Converting Colors

XYZ(24.0461, 19.0239, 91.3055)

Have a look what the booklet for
XYZ(24.0461, 19.0239, 91.3055)
contains.

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Color

**XYZ(24.0528, 19.0438,
91.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	3270F8
RGB	50, 112, 248
RGB Percent	20%, 44%, 97%
CMY	0.8039, 0.5608, 0.0274
CMYK	0.80, 0.55, 0.00, 0.03
HSL	221°, 93%, 58%
HSV	221°, 80%, 97%
XYZ	24.0528, 19.0438, 91.2150
YIQ	108.9660, -80.6080, 29.1520

Conversions

Conversions Part 2

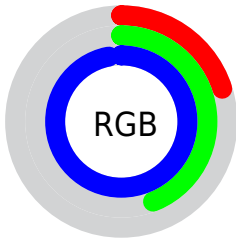
Format	Color
R_{YB}	50, 97, 248
Decimal	3305720
CIE _{Lab}	50.74, 28.60, -73.47
CIE _{LCh}	51, 78.840, 291.266
Yxy	19.0438, 0.1791, 0.1418
Android (android.graphics.Color)	4281495800 (0xFF3270F8)
YUV	108.9660, 68.5438, -51.7132
Hunter-Lab	43.6392, 22.0160, -93.3810

Details

The XYZ color **24.0528, 19.0438, 91.2150** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **56.8501, 55.3119, 10.6994**, and the grayscale version is **14.3563, 15.1039, 16.4482**.

A 20% lighter version of the original color is **39.8996, 37.9264, 99.8253**, and **11.1846, 7.4983, 49.5730** is the 20% darker color. If you saturate the color by 10%, you get **21.4386, 15.1648, 90.6046**, and if you desaturate by 10%, it is **27.6857, 23.9758, 91.9760**.

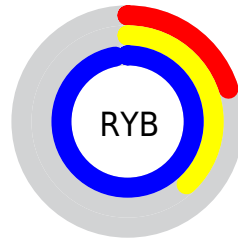
Distribution



Red (20%)

Green (44%)

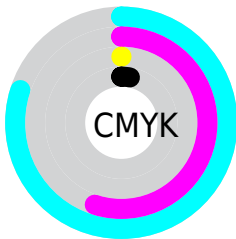
Blue (97%)



Red (20%)

Yellow (38%)

Blue (97%)

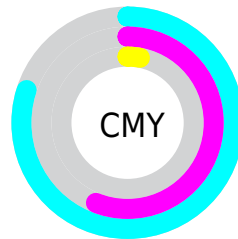


Cyan (80%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (80%)

Magenta (56%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0528, 19.0438, 91.2150 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 24.0528, 19.0438, 91.2150 by changing the saturation by 10% instead.

■ 24.0528, 19.0438,
91.2150

■ 24.0528, 19.0438,
91.2150

265.5228,
246.6905, 552.6471

■ 15.4977, 11.7019,
68.4094

■ 49.5704, 41.8081,
150.9752

■ 9.2580, 6.5411,
49.7621

■ 67.2636, 57.9993,
188.7668

■ 4.9683, 3.1768,
34.8546

■ 88.7337, 77.9091,
232.3909

■ 2.2633, 1.2247,
23.2682

■ 114.3458,
101.9219, 282.2660

■ 0.7758, 0.0817,
14.5845

144.4655,
130.4220, 338.8107

■ 0.0000, 0.0000,
8.3849

179.4579,

■ 0.0000, 0.0000,

163.7939, 402.4434

4.2510

219.6886,
202.4219, 473.5826

■ 0.0000, 0.0000,
1.7640

■ 0.0000, 0.0000,
0.4041

■ 24.0528, 19.0438,
91.2150

■ 24.0528, 19.0438,
91.2150

■ 21.4386, 15.1648,
90.6046

■ 27.6857, 23.9758,
91.9760

■ 19.6679, 12.2187,
90.1292

■ 32.4465, 30.0448,
92.8965

■ 19.6424, 12.1755,
90.1222

■ 38.4322, 37.3262,
93.9865

■ 45.7276, 45.8878,
95.2545

■ 54.4096, 55.7919,
96.7086

■ 64.5490, 67.0965,
98.3562

■ 76.2114, 79.8558,
100.2043

■ 89.4584, 94.1213,
102.2597

■ 93.9434, 99.5573,
103.0725

Harmonies

Analogous

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



15.9335, 19.0438, 97.8341



24.0528, 19.0438, 91.2150



32.3686, 19.0438, 60.4714

Triad

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



24.0528, 19.0438, 91.2150



29.1007, 19.0438, 2.0919



7.0157, 19.0438, 14.9135

Complementary

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



24.0528, 19.0438, 91.2150



56.8501, 55.3119, 10.6994

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.



8.7964, 19.0438, 3.8661



24.0528, 19.0438, 91.2150



20.4557, 19.0438, 0.6679

Square

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



24.0528, 19.0438, 91.2150



35.8134, 19.0438, 8.7999



13.2215, 19.0438, 0.9794



7.4722, 19.0438, 40.3546

Rectangle

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



24.0528, 19.0438, 91.2150



36.1691, 19.0438, 37.6578



13.2215, 19.0438, 0.9794



7.3482, 19.0438, 9.8379

Sweetspot

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



24.0538, 19.0443, 91.2155



64.0311, 66.2314, 104.0169



43.6730, 71.3294, 57.5344



12.8924, 13.2681, 22.1314



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.



24.0538, 19.0443, 91.2155



21.5730, 14.0764, 96.1877



21.9514, 11.0533, 89.7839



16.7264, 17.5296, 21.8873



10.7207, 6.7970, 48.7205



1.0833, 0.8103, 4.5425

Inverse Universe

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



42.7776, 23.4090, 17.5931



43.0645, 22.1669, 10.9916



61.2096, 81.3186, 15.4895



17.4684, 17.3147, 19.0565



21.7033, 11.0971, 5.1462



2.0557, 1.0460, 0.7168

Previews

White Background



This preview shows how the XYZ color 24.0528, 19.0438, 91.2150 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 24.0528, 19.0438, 91.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

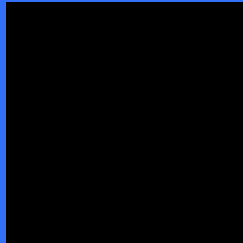
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

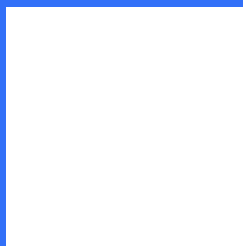
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0528, 19.0438, 91.2150

Background



This preview shows how black text looks on a background with the XYZ color 24.0528, 19.0438, 91.2150.

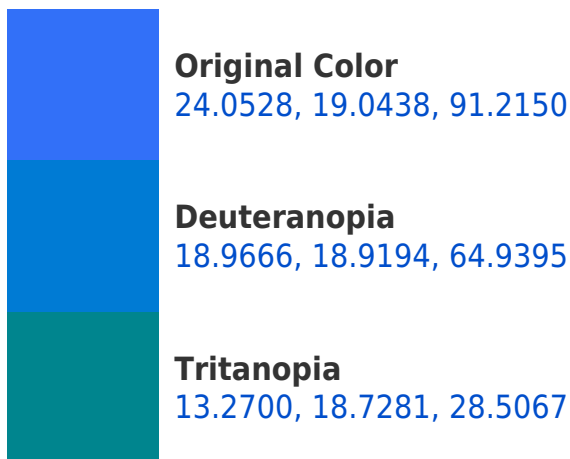


This preview shows how white text looks on a background with the XYZ color 24.0528, 19.0438,

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



Trichromacy



Original Color

24.0528, 19.0438, 91.2150

Deuteranomaly

20.4369, 18.7585, 73.7778

Tritanomaly

15.9236, 18.1320, 46.3766

Monochromacy



Original Color

24.0528, 19.0438, 91.2150

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.9456, 15.7646, 35.4602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0528, 19.0438, 91.2150 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(50, 112, 248)` looks like.

```
.text, #text, p{  
    color:rgb(50, 112, 248)  
}
```

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(50, 112, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 112, 248) }
```

Border

The CSS property to change the border of an element to XYZ 24.0528, 19.0438, 91.2150 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(50, 112, 248) }
```

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

```
.border{ border-color:rgb(50, 112, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 112, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 112, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 112, 248);  
box-shadow:4px 4px 4px 4px rgb(50, 112,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 24.0528, 19.0438, 91.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 112, 248) }
```

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

```
.background{ background-color: rgb(50, 112,  
248) }
```

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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