

Converting Colors

XYZ(19.2015, 17.9819, 95.9032)

Have a look what the booklet for
XYZ(19.2015, 17.9819, 95.9032)
contains.

XYZ(24.7268, 20.8305, 96.4834)	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(24.7268, 20.8305,
96.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	0079FE
RGB	0, 121, 254
RGB Percent	0%, 47%, 100%
CMY	0.9997, 0.5255, 0.0039
CMYK	1.00, 0.52, 0.00, 0.00
HSL	211°, 100%, 50%
HSV	211°, 100%, 100%
XYZ	24.7268, 20.8305, 96.4834
YIQ	99.9830, -114.8090, 15.7110

Conversions

Conversions Part 2

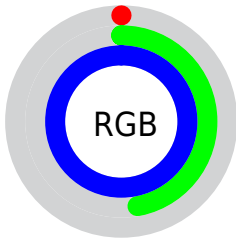
Format	Color
R _{YB}	0, 82, 254
Decimal	31230
CIE _{Lab}	52.76, 22.79, -73.54
CIE _{LCh}	53, 76.994, 287.220
Y _{xy}	20.8305, 0.1741, 0.1467
Android (android.graphics.Color)	4278221310 (0xFF0079FE)
Y _{UV}	99.9830, 75.9304, -87.6851
Hunter-Lab	45.6404, 16.8359, -93.3901

Details

The XYZ color **24.7268, 20.8305, 96.4834** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **49.2722, 37.8681, 4.7146**, and the grayscale version is **11.9488, 12.5711, 13.6899**.

A 20% lighter version of the original color is **39.6757, 40.5519, 100.3439**, and **12.4126, 8.8831, 53.2849** is the 20% darker color. If you saturate the color by 10%, you get **24.7218, 20.8204, 96.4823**, and if you desaturate by 10%, it is **26.8695, 24.5030, 97.0799**.

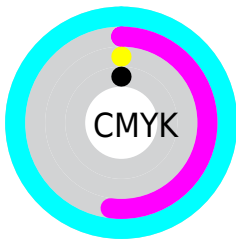
Distribution



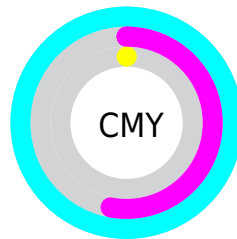
- Red (0%)
- Green (47%)
- Blue (100%)



- Red (0%)
- Yellow (32%)
- Blue (100%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7268, 20.8305, 96.4834 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 24.7268, 20.8305, 96.4834 by changing the saturation by 10% instead.

■ 24.7268, 20.8305,
96.4834

■ 24.7268, 20.8305,
96.4834

268.8474,
256.3763, 570.0083

■ 16.0013, 13.0002,
72.7665

■ 50.6598, 44.8053,
158.3256

■ 9.6159, 7.4287,
53.2944

■ 68.5979, 61.7185,
197.2879

■ 5.2053, 3.7316,
37.6485

■ 90.3376, 82.4281,
242.1692

■ 2.4042, 1.5246,
25.4103

■ 116.2443,
107.3186, 293.3880

■ 0.8472, 0.3059,
16.1612

■ 146.6833,
136.7742, 351.3627

■ 0.0000, 0.0000,
9.4827

182.0199,

■ 0.0000, 0.0000,

171.1795, 416.5120

4.9563

222.6195,
210.9187, 489.2543

■ 0.0000, 0.0000,
2.1633

■ 0.0000, 0.0000,
0.6531

■ 24.7268, 20.8305,
96.4834

■ 24.7268, 20.8305,
96.4834

■ 24.7218, 20.8204,
96.4823

■ 26.8695, 24.5030,
97.0799

■ 29.7772, 28.9136,
97.7780

■ 33.6218, 34.1629,
98.5886

■ 38.5107, 40.3178,
99.5189

■ 44.5348, 47.4360,
100.5753

■ 51.7742, 55.5694,
101.7637

■ 60.3013, 64.7652,
103.0892

■ 70.1822, 75.0673,
104.5569

■ 81.4782, 86.5167,
106.1715

Harmonies

Analogous

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



16.5781, 20.8305, 98.8286



24.7268, 20.8305, 96.4834



33.4197, 20.8305, 67.8763

Triad

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



24.7268, 20.8305, 96.4834



32.2356, 20.8305, 3.2511



8.2418, 20.8305, 14.2432

Complementary

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



24.7268, 20.8305, 96.4834



49.2722, 37.8681, 4.7146

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.



10.4961, 20.8305, 3.9603



24.7268, 20.8305, 96.4834



23.4116, 20.8305, 1.1181

Square

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



24.7268, 20.8305, 96.4834



38.4955, 20.8305, 11.9530



15.5733, 20.8305, 1.2415



8.4155, 20.8305, 38.4388

Rectangle

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



24.7268, 20.8305, 96.4834



37.7037, 20.8305, 44.4528



15.5733, 20.8305, 1.2415



8.7081, 20.8305, 9.5132

Sweetspot

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



24.7278, 20.8310, 96.4840



60.8077, 65.3096, 104.0088



39.5582, 72.5306, 33.4844



12.2044, 13.1132, 22.1378



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.



24.7278, 20.8310, 96.4840



24.9403, 21.0005, 97.3468



17.9443, 7.1853, 94.2076



17.7166, 18.8047, 22.9459



13.1791, 11.2677, 50.9149



1.3917, 1.3141, 4.9936

Inverse Universe

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



44.3253, 22.4531, 20.0868



44.7179, 22.6512, 20.2443



74.7839, 91.1655, 13.6574



18.3696, 18.1311, 20.5634



23.4404, 11.8654, 10.9695



2.3371, 1.1772, 1.3565

Previews

White Background



This preview shows how the XYZ color 24.7268, 20.8305, 96.4834 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 24.7268, 20.8305, 96.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

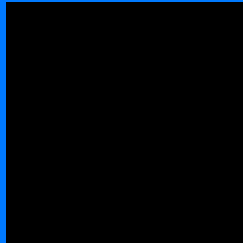
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

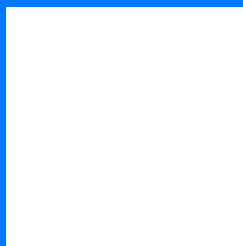
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7268, 20.8305, 96.4834

Background



This preview shows how black text looks on a background with the XYZ color 24.7268, 20.8305, 96.4834.



This preview shows how white text looks on a background with the XYZ color 24.7268, 20.8305,

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

24.7268, 20.8305, 96.4834

Protanopia

25.0190, 20.9996, 95.6632

Deuteranopia

20.9040, 20.7123, 72.0034



Tritanopia

14.5779, 20.6034, 31.2255

Trichromacy



Original Color

24.7268, 20.8305, 96.4834

Protanomaly

24.7982, 20.8858, 95.6529

Deuteranomaly

22.1849, 20.6077, 80.6503

Tritanomaly

17.2209, 20.0904, 49.9839

Monochromacy



Original Color

24.7268, 20.8305, 96.4834

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.4777, 14.2154, 33.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7268, 20.8305, 96.4834 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(0, 121, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 254)  
}
```

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(0, 121, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 254) }
```

Border

The CSS property to change the border of an element to XYZ 24.7268, 20.8305, 96.4834 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(0, 121, 254) }
```


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

```
.border{ border-color:rgb(0, 121, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7268, 20.8305, 96.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 254) }
```

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

```
.background{ background-color: rgb(0, 121,  
254) }
```

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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