

Converting Colors

XYZ(33.2218, 26.4103, 92.5548)

Have a look what the booklet for
XYZ(33.2218, 26.4103, 92.5548)
contains.

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Color

**XYZ(33.1368, 26.3917,
92.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7FF8
RGB	126, 127, 248
RGB Percent	49%, 50%, 97%
CMY	0.5059, 0.5020, 0.0274
CMYK	0.49, 0.49, 0.00, 0.03
HSL	240°, 90%, 73%
HSV	240°, 49%, 97%
XYZ	33.1368, 26.3917, 92.1545
YIQ	140.4950, -39.4370, 37.4190

Conversions

Conversions Part 2

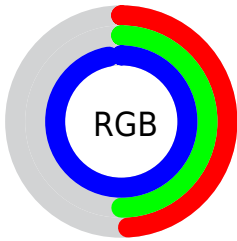
Format	Color
R_{YB}	126, 127, 248
Decimal	8290296
CIE _{Lab}	58.41, 31.19, -60.90
CIE _{LCh}	58, 68.417, 297.119
Yxy	26.3917, 0.2185, 0.1740
Android (android.graphics.Color)	4286480376 (0xFF7E7FF8)
YUV	140.4950, 53.0000, -12.7121
Hunter-Lab	51.3729, 25.2346, -70.3956

Details

The XYZ color **33.1368, 26.3917, 92.1545** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **75.7399, 87.9871, 32.7317**, and the grayscale version is **24.9319, 26.2303, 28.5647**.

A 20% lighter version of the original color is **54.3788, 50.1768, 101.4268**, and **14.3083, 10.3342, 50.5308** is the 20% darker color. If you saturate the color by 10%, you get **27.1244, 19.1383, 91.0719**, and if you desaturate by 10%, it is **40.8331, 35.6646, 93.5393**.

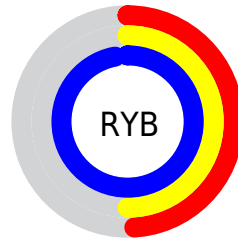
Distribution



Red (49%)

Green (50%)

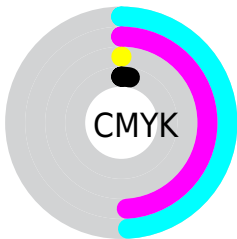
Blue (97%)



Red (49%)

Yellow (50%)

Blue (97%)

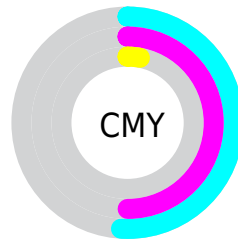


Cyan (49%)

Magenta (49%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (50%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1368, 26.3917, 92.1545 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 33.1368, 26.3917, 92.1545 by changing the saturation by 10% instead.

■ 33.1368, 26.3917,
92.1545

■ 33.1368, 26.3917,
92.1545

307.9198,
284.6996, 555.7646

■ 22.3910, 17.1169,
69.1852

■ 63.9423, 53.9062,
152.2891

■ 14.2627, 10.3179,
50.3899

■ 84.7327, 72.9147,
190.2914

■ 8.3865, 5.6102,
35.3499

■ 109.6020, 95.9365,
234.1419

■ 4.3971, 2.6096,
23.6468

138.9156,
123.3561, 284.2590

■ 1.9292, 0.9315,
14.8621

173.0388,
155.5578, 341.0613

■ 0.5937, 0.0000,
8.5771

212.3370,

■ 0.0000, 0.0000,

192.9260, 404.9673

4.3734

257.1756,
235.8452, 476.3956

■ 0.0000, 0.0000,
1.8323

■ 0.0000, 0.0000,
0.4492

■ 33.1368, 26.3917,
92.1545

■ 33.1368, 26.3917,
92.1545

■ 27.1244, 19.1383,
91.0719

■ 40.8331, 35.6646,
93.5393

■ 22.6668, 13.7519,
90.2672

■ 50.3227, 47.0894,
95.2443

■ 19.6220, 10.0623,
89.7155

■ 61.7099, 60.7900,
97.2886

■ 17.8201, 7.8675,
89.3868

■ 75.0900, 76.8804,
99.6892

■ 17.0120, 6.8774,
89.2383

■ 90.5520, 95.4669,
102.4618

■ 16.9654, 6.8213,
89.2299

■ 93.9434, 99.5574,
103.0726

Harmonies

Analogous

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



24.2862, 26.3917, 103.4523



33.1368, 26.3917, 92.1545



41.1254, 26.3917, 61.6201

Triad

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



33.1368, 26.3917, 92.1545



34.8481, 26.3917, 4.8368



12.2248, 26.3917, 26.4865

Complementary

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



33.1368, 26.3917, 92.1545



75.7399, 87.9871, 32.7317

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.



13.8740, 26.3917, 10.3054



33.1368, 26.3917, 92.1545



25.9001, 26.3917, 2.9336

Square

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



33.1368, 26.3917, 92.1545



42.2576, 26.3917, 12.4607



18.4554, 26.3917, 4.1659



13.3374, 26.3917, 55.2008

Rectangle

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



33.1368, 26.3917, 92.1545



44.2137, 26.3917, 40.2522



18.4554, 26.3917, 4.1659



12.4640, 26.3917, 19.6570

Sweetspot

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



33.1379, 26.3926, 92.1552



71.4200, 71.5913, 104.6620



58.8021, 78.2230, 99.1619



14.6613, 14.5712, 22.2897



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.



33.1379, 26.3926, 92.1552



28.9543, 20.4586, 97.0306



44.4052, 32.0109, 92.6458



16.2944, 16.6657, 21.7433



9.1695, 3.6946, 48.2034



0.8531, 0.3499, 4.4658

Inverse Universe

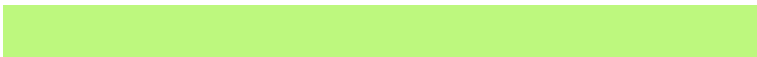
The Inverse Universe completely reimagines the original color for something new.



50.0040, 36.4120, 24.4720



48.8359, 32.3077, 17.2376



58.3291, 79.4651, 32.0045



17.2504, 17.2275, 17.9084



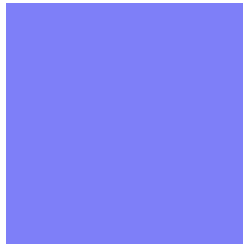
20.9204, 10.7839, 1.0231



1.9395, 0.9996, 0.1051

Previews

White Background



This preview shows how the XYZ color 33.1368, 26.3917, 92.1545 looks on a white background.

Color Contrast Check

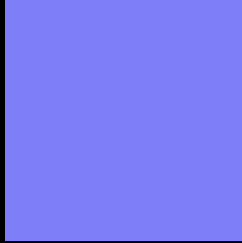
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1368, 26.3917, 92.1545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

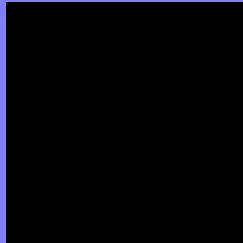
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1368, 26.3917, 92.1545

Background



This preview shows how black text looks on a background with the XYZ color 33.1368, 26.3917, 92.1545.



This preview shows how white text looks on a background with the XYZ color 33.1368, 26.3917,

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

33.1368, 26.3917, 92.1545

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

27.6226, 26.6955, 90.0831



Tritanopia

22.0807, 26.3705, 37.1840

Trichromacy



Original Color

33.1368, 26.3917, 92.1545

Protanomaly

30.8880, 26.3447, 95.5525

Deuteranomaly

28.8885, 26.2506, 90.7331

Tritanomaly

25.1992, 25.8131, 53.5235

Monochromacy



Original Color

33.1368, 26.3917, 92.1545

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.7923, 25.7335, 46.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1368, 26.3917, 92.1545 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(126, 127, 248)` looks like.

```
.text, #text, p{  
    color:rgb(126, 127, 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(126, 127, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 127, 248) }
```

Border

The CSS property to change the border of an element to XYZ 33.1368, 26.3917, 92.1545 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(126, 127, 248) }
```


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

```
.border{ border-color:rgb(126, 127, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 127, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 127, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 127, 248); box-shadow:4px 4px 4px 4px rgb(126, 127, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1368, 26.3917, 92.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 127, 248) }
```

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

```
.background{ background-color: rgb(126,  
127, 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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