

Converting Colors

XYZ(30.1516, 25.7628, 78.1795)

Have a look what the booklet for
XYZ(30.1516, 25.7628, 78.1795)
contains.

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Color

**XYZ(30.1507, 25.7434,
78.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	7982E6
RGB	121, 130, 230
RGB Percent	47%, 51%, 90%
CMY	0.5255, 0.4902, 0.0980
CMYK	0.47, 0.43, 0.00, 0.10
HSL	235°, 69%, 69%
HSV	235°, 47%, 90%
XYZ	30.1507, 25.7434, 78.2428
YIQ	138.7090, -37.4640, 29.1920

Conversions

Conversions Part 2

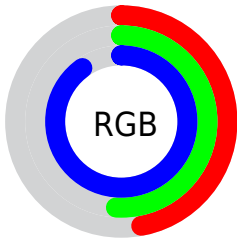
Format	Color
RYB	121, 129, 230
Decimal	7963366
CIELab	57.79, 22.93, -51.91
CIElCh	58, 56.749, 293.832
Yxy	25.7434, 0.2248, 0.1919
Android (android.graphics.Color)	4286153446 (0xFF7982E6)
YUV	138.7090, 45.0065, -15.5308
Hunter-Lab	50.7380, 17.2810, -55.9143

Details

The XYZ color **30.1507, 25.7434, 78.2428** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.9422, 69.9184, 28.3216**, and the grayscale version is **24.2727, 25.5368, 27.8096**.

A 20% lighter version of the original color is **53.3436, 50.5519, 101.5537**, and **12.5690, 9.9650, 41.3054** is the 20% darker color. If you saturate the color by 10%, you get **24.7786, 19.2262, 77.2685**, and if you desaturate by 10%, it is **36.8687, 33.8095, 79.4462**.

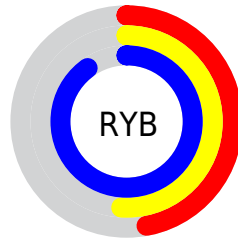
Distribution



Red (47%)

Green (51%)

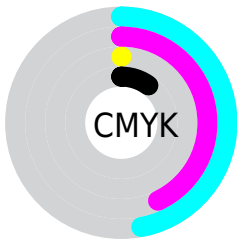
Blue (90%)



Red (47%)

Yellow (51%)

Blue (90%)

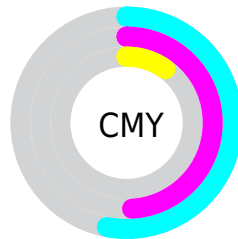


Cyan (47%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (53%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1507, 25.7434, 78.2428 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 30.1507, 25.7434, 78.2428 by changing the saturation by 10% instead.

■ 30.1507, 25.7434,
78.2428

■ 30.1507, 25.7434,
78.2428

294.5035,
281.5202, 508.5408

■ 20.1016, 16.6318,
57.7558

■ 59.2854, 52.8607,
132.6813

■ 12.5776, 9.9723,
41.1990

■ 79.1018, 71.6352,
167.4699

■ 7.2133, 5.3806,
28.1537

■ 102.9046, 94.3994,
207.8629

■ 3.6434, 2.4723,
18.2015

131.0593,
121.5377, 254.2786

■ 1.5024, 0.8627,
10.9238

163.9312,
153.4345, 307.1357

■ 0.3275, 0.0000,
5.9021

201.8856,

■ 0.0000, 0.0000,

190.4743, 366.8528

2.7178

245.2879,
233.0414, 433.8483

■ 0.0000, 0.0000,
0.9524

■ 0.0000, 0.0000,
0.0000

■ 30.1507, 25.7434,
78.2428

■ 30.1507, 25.7434,
78.2428

■ 24.7786, 19.2262,
77.2685

■ 36.8687, 33.8095,
79.4462

■ 20.6583, 14.1557,
76.5070

■ 45.0120, 43.5123,
80.8898

■ 17.6887, 10.4218,
75.9428

■ 54.6572, 54.9365,
82.5865

■ 15.7511, 7.8971,
75.5576

■ 65.8750, 68.1600,
84.5477

■ 14.6951, 6.4258,
75.3293

■ 78.7312, 83.2557,
86.7838

■ 14.5157, 6.1785,
75.2910

■ 91.2830, 98.4932,
89.0634

Harmonies

Analogous

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



23.0879, 25.7434, 84.3025



30.1507, 25.7434, 78.2428



36.6371, 25.7434, 56.5041

Triad

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



30.1507, 25.7434, 78.2428



33.0399, 25.7434, 7.3451



13.6206, 25.7434, 24.1900

Complementary

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



30.1507, 25.7434, 78.2428



61.9422, 69.9184, 28.3216

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.



15.3453, 25.7434, 11.2101



30.1507, 25.7434, 78.2428



25.9027, 25.7434, 4.8319

Square

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



30.1507, 25.7434, 78.2428



38.5099, 25.7434, 15.4423



19.5489, 25.7434, 5.8152



14.3371, 25.7434, 46.0807

Rectangle

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



30.1507, 25.7434, 78.2428



39.3256, 25.7434, 39.8256



19.5489, 25.7434, 5.8152



13.9220, 25.7434, 18.8292

Sweetspot

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



30.1517, 25.7443, 78.2434



73.5407, 74.7005, 105.1504



49.2230, 65.8754, 78.4701



15.1085, 15.2428, 22.3958



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.



30.1517, 25.7443, 78.2434



31.3534, 24.3454, 97.6544



36.9350, 27.5415, 78.2328



13.6780, 14.0773, 18.1406



8.2533, 3.5687, 42.6370



0.6432, 0.3304, 3.1618

Inverse Universe

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



43.5007, 32.1107, 25.0250



50.2693, 33.7329, 22.1599



51.6563, 68.2375, 28.5392



14.4250, 14.3872, 15.1727



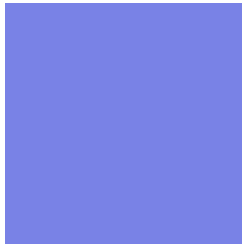
18.5594, 9.5580, 1.3088



1.3883, 0.7130, 0.1853

Previews

White Background



This preview shows how the XYZ color 30.1507, 25.7434, 78.2428 looks on a white background.

Color Contrast Check

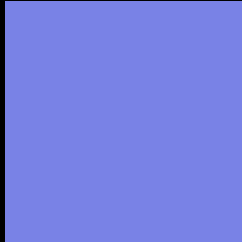
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1507, 25.7434, 78.2428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

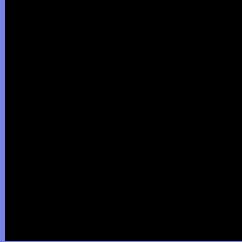
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1507, 25.7434, 78.2428

Background



This preview shows how black text looks on a background with the XYZ color 30.1507, 25.7434, 78.2428.



This preview shows how white text looks on a background with the XYZ color 30.1507, 25.7434,

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

30.1507, 25.7434, 78.2428

Protanopia

28.4832, 25.8129, 82.0784

Deuteranopia

26.6295, 25.8160, 76.9782



Tritanopia

21.7060, 25.7357, 36.1712

Trichromacy



Original Color

30.1507, 25.7434, 78.2428

Protanomaly

28.9212, 25.6615, 80.5196

Deuteranomaly

27.7709, 25.7523, 77.6357

Tritanomaly

24.2142, 25.4050, 48.9748

Monochromacy



Original Color

30.1507, 25.7434, 78.2428

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7663, 25.4924, 42.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1507, 25.7434, 78.2428 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(121, 130, 230)` looks like.

```
.text, #text, p{  
    color:rgb(121, 130, 230)  
}
```

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(121, 130, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 130, 230) }
```

Border

The CSS property to change the border of an element to XYZ 30.1507, 25.7434, 78.2428 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(121, 130, 230) }
```


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

```
.border{ border-color:rgb(121, 130, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 130, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 130, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 130, 230);  
box-shadow:4px 4px 4px 4px rgb(121, 130,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1507, 25.7434, 78.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 130, 230) }
```

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

```
.background{ background-color: rgb(121,  
130, 230) }
```

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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