

Converting Colors

XYZ(32.7086, 26.2358, 97.9478)

Have a look what the booklet for
XYZ(32.7086, 26.2358, 97.9478)
contains.

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Color

**XYZ(32.7086, 26.2358,
97.9478)**

Conversions

Conversions Part 1

Format	Color
Hex	7280FF
RGB	114, 128, 255
RGB Percent	45%, 50%, 100%
CMY	0.5529, 0.4980, 0.0000
CMYK	0.55, 0.50, 0.00, 0.00
HSL	234°, 100%, 72%
HSV	234°, 55%, 100%
XYZ	32.7086, 26.2358, 97.9478
YIQ	138.2920, -49.1110, 36.5290

Conversions

Conversions Part 2

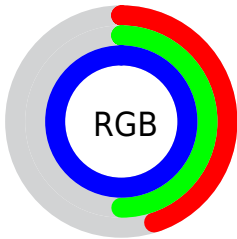
Format	Color
RYB	114, 127, 255
Decimal	7504127
CIELab	58.26, 30.30, -65.03
CIElCh	58, 71.743, 294.980
Yxy	26.2358, 0.2085, 0.1672
Android (android.graphics.Color)	4285694207 (0xFF7280FF)
YUV	138.2920, 57.5370, -21.3041
Hunter-Lab	51.2209, 24.3498, -77.5234

Details

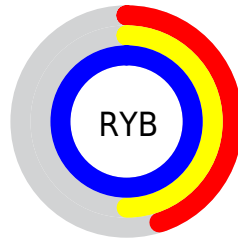
The XYZ color **32.7086, 26.2358, 97.9478** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **75.7345, 85.3887, 28.4116**, and the grayscale version is **24.0706, 25.3242, 27.5780**.

A 20% lighter version of the original color is **52.2531, 49.3817, 101.3853**, and **13.9562, 10.1811, 54.0529** is the 20% darker color. If you saturate the color by 10%, you get **27.1775, 19.4293, 96.9256**, and if you desaturate by 10%, it is **39.8441, 34.8764, 99.2395**.

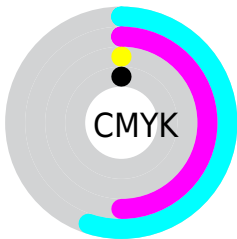
Distribution



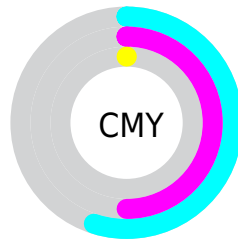
- Red (45%)
- Green (50%)
- Blue (100%)



- Red (45%)
- Yellow (50%)
- Blue (100%)



- Cyan (55%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7086, 26.2358, 97.9478 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 32.7086, 26.2358, 97.9478 by changing the saturation by 10% instead.

■ 32.7086, 26.2358,
97.9478

■ 32.7086, 26.2358,
97.9478

306.0229,
283.9377, 574.7833

■ 22.0615, 17.0001,
73.9805

■ 63.2780, 53.6551,
160.3613

■ 14.0189, 10.2346,
54.2814

■ 83.9311, 72.6075,
199.6446

■ 8.2156, 5.5548,
38.4319

■ 108.6501, 95.5677,
244.8702

■ 4.2862, 2.5763,
26.0137

137.8005,
122.9199, 296.4568

■ 1.8653, 0.9148,
16.6080

171.7476,
155.0486, 354.8229

■ 0.5565, 0.0000,
9.7964

210.8568,

■ 0.0000, 0.0000,

192.3382, 420.3869

5.1604

255.4935,
235.1731, 493.5675

■ 0.0000, 0.0000,
2.2813

■ 0.0000, 0.0000,
0.7207

■ 32.7086, 26.2358,
97.9478

■ 32.7086, 26.2358,
97.9478

■ 27.1775, 19.4293,
96.9256

■ 39.8441, 34.8764,
99.2395

■ 23.1224, 14.3212,
96.1533

■ 48.6928, 45.4687,
100.8177

■ 20.4001, 10.7604,
95.6095

■ 59.3574, 58.1233,
102.6982

■ 18.8364, 8.5676,
95.2687

■ 71.9318, 72.9419,
104.8957

■ 18.4043, 7.9286,
95.1681

■ 86.5034, 90.0191,
107.4240

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



23.4977, 26.2358, 108.0732



32.7086, 26.2358, 97.9478



41.3428, 26.2358, 65.9350

Triad

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



32.7086, 26.2358, 97.9478



35.8493, 26.2358, 4.5259



11.6851, 26.2358, 24.5669

Complementary

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



32.7086, 26.2358, 97.9478



75.7345, 85.3887, 28.4116

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.



13.5710, 26.2358, 8.9205



32.7086, 26.2358, 97.9478



26.4326, 26.2358, 2.4635

Square

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



32.7086, 26.2358, 97.9478



43.4324, 26.2358, 12.7074



18.5045, 26.2358, 3.4037



12.6162, 26.2358, 54.0227

Rectangle

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



32.7086, 26.2358, 97.9478



44.8897, 26.2358, 42.9061



18.5045, 26.2358, 3.4037



11.9946, 26.2358, 17.8411

Sweetspot

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



32.7097, 26.2366, 97.9479



69.6444, 70.2527, 104.4972



58.5626, 81.4428, 95.7748



14.3469, 14.3780, 22.2690



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.



32.7097, 26.2366, 97.9479



26.8432, 19.0131, 96.8629



40.7331, 27.8473, 97.8359



17.1480, 17.6677, 22.7563



9.6641, 4.2378, 49.7432



0.9870, 0.5047, 4.8587

Inverse Universe

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



51.1544, 34.8547, 24.4541



47.0925, 29.0153, 16.0573



62.2455, 84.8229, 29.0133



18.0826, 18.0164, 19.0522



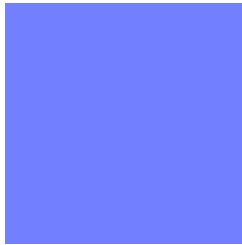
21.6662, 11.1558, 1.6267



2.1328, 1.0955, 0.2807

Previews

White Background



This preview shows how the XYZ color 32.7086, 26.2358, 97.9478 looks on a white background.

Color Contrast Check

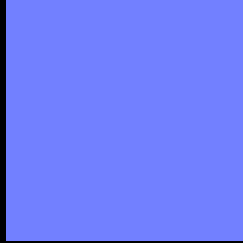
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7086, 26.2358, 97.9478 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 32.7086, 26.2358, 97.9478

Background



This preview shows how black text looks on a background with the XYZ color 32.7086, 26.2358, 97.9478.



This preview shows how white text looks on a background with the XYZ color 32.7086, 26.2358,

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

32.7086, 26.2358, 97.9478

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

27.3817, 26.4454, 95.7568



Tritanopia

20.7362, 26.1268, 38.1325

Trichromacy



Original Color

32.7086, 26.2358, 97.9478

Protanomaly

30.8512, 26.2704, 98.0524

Deuteranomaly

27.8942, 25.6115, 96.4018

Tritanomaly

24.0504, 25.6068, 55.8996

Monochromacy



Original Color

32.7086, 26.2358, 97.9478

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.9188, 25.0535, 47.1858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7086, 26.2358, 97.9478 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(114, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 128, 255)  
}
```

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(114, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 128, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.7086, 26.2358, 97.9478 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(114, 128, 255) }
```


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

```
.border{ border-color:rgb(114, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 128,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7086, 26.2358, 97.9478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 128, 255) }
```

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

```
.background{ background-color: rgb(114,  
128, 255) }
```

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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