

Converting Colors

XYZ(30.2722, 21.1529, 97.0951)

Have a look what the booklet for
XYZ(30.2722, 21.1529, 97.0951)
contains.

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Color

**XYZ(30.2743, 21.1729,
97.0989)**

Conversions

Conversions Part 1

Format	Color
Hex	736AFF
RGB	115, 106, 255
RGB Percent	45%, 42%, 100%
CMY	0.5490, 0.5843, 0.0000
CMYK	0.55, 0.58, 0.00, 0.00
HSL	244°, 100%, 71%
HSV	244°, 58%, 100%
XYZ	30.2743, 21.1729, 97.0989
YIQ	125.6770, -42.4650, 48.2470

Conversions

Conversions Part 2

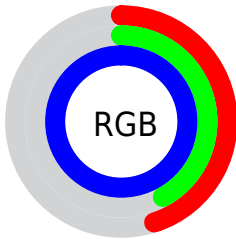
Format	Color
RYB	115, 106, 255
Decimal	7564031
CIELab	53.14, 43.46, -73.30
CIElCh	53, 85.217, 300.661
Yxy	21.1729, 0.2038, 0.1425
Android (android.graphics.Color)	4285754111 (0xFF736AFF)
YUV	125.6770, 63.7562, -9.3637
Hunter-Lab	46.0140, 36.9171, -92.9041

Details

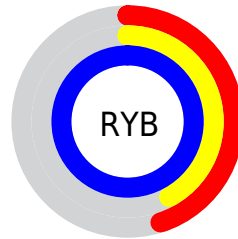
The XYZ color **30.2743, 21.1729, 97.0989** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **76.3652, 92.1522, 27.3981**, and the grayscale version is **19.5238, 20.5406, 22.3687**.

A 20% lighter version of the original color is **48.1814, 40.9038, 99.9635**, and **12.6298, 7.5928, 53.6232** is the 20% darker color. If you saturate the color by 10%, you get **25.2746, 15.2575, 96.2206**, and if you desaturate by 10%, it is **36.8754, 29.0734, 98.2759**.

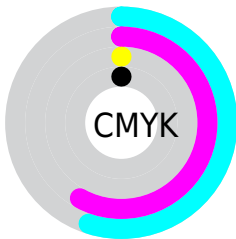
Distribution



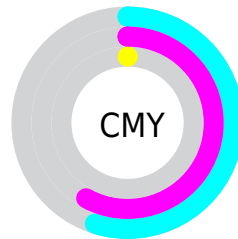
- Red (45%)
- Green (42%)
- Blue (100%)



- Red (45%)
- Yellow (42%)
- Blue (100%)



- Cyan (55%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2743, 21.1729, 97.0989 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 30.2743, 21.1729, 97.0989 by changing the saturation by 10% instead.

■ 30.2743, 21.1729,
97.0989

■ 30.2743, 21.1729,
97.0989

295.0679,
258.1959, 572.0179

■ 20.1960, 13.2504,
73.2766

■ 59.4794, 45.3751,
159.1816

■ 12.6467, 7.6012,
53.7090

■ 79.3368, 62.4237,
198.2791

■ 7.2610, 3.8409,
37.9775

■ 103.1847, 83.2830,
243.3053

■ 3.6736, 1.5849,
25.6635

■ 131.3883,
108.3376, 294.6790

■ 1.5192, 0.3474,
16.3486

164.3131,
137.9718, 352.8185

■ 0.3389, 0.0000,
9.6141

202.3244,

■ 0.0000, 0.0000,

172.5700, 418.1425

5.0416

245.7875,
212.5166, 491.0694

■ 0.0000, 0.0000,
2.2125

■ 0.0000, 0.0000,
0.6816

■ 30.2743, 21.1729,
97.0989

■ 30.2743, 21.1729,
97.0989

■ 25.2746, 15.2575,
96.2206

■ 36.8754, 29.0734,
98.2759

■ 21.7371, 11.1489,
95.6140

■ 45.1958, 39.1126,
99.7752

■ 19.5035, 8.6399,
95.2475

■ 55.3455, 51.4313,
101.6179

■ 18.3654, 7.4470,
95.0772

■ 67.4245, 66.1574,
103.8237

■ 18.2538, 7.3251,
95.0595

■ 81.5257, 83.4097,
106.4106

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.



20.3241, 21.1729, 116.2550



30.2743, 21.1729, 97.0989



39.2370, 21.1729, 56.7556

Triad

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



30.2743, 21.1729, 97.0989



29.8236, 21.1729, 1.2334



7.3271, 21.1729, 23.6289

Complementary

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



30.2743, 21.1729, 97.0989



76.3652, 92.1522, 27.3981

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.



8.5145, 21.1729, 6.3230



30.2743, 21.1729, 97.0989



19.9257, 21.1729, 0.4479

Square

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



30.2743, 21.1729, 97.0989



38.9269, 21.1729, 5.9150



12.5418, 21.1729, 1.3162



8.6272, 21.1729, 58.5763

Rectangle

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



30.2743, 21.1729, 97.0989



42.4180, 21.1729, 32.0437



12.5418, 21.1729, 1.3162



7.4438, 21.1729, 15.9252

Sweetspot

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



30.2753, 21.1735, 97.0990



67.9902, 66.8484, 103.9273



57.4231, 77.1426, 106.4712



13.7512, 13.3297, 22.0981



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.



30.2753, 21.1735, 97.0990



24.6266, 14.4983, 96.1082



43.9308, 28.2132, 97.7380



17.1046, 17.4301, 22.7128



9.5771, 3.8476, 49.6725



0.9666, 0.3922, 4.8380

Inverse Universe

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



63.0276, 38.2216, 91.2389



60.2201, 33.0425, 88.9591



55.6062, 81.4506, 26.4266



18.7425, 18.2803, 22.5269



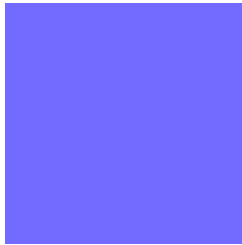
29.7554, 14.3914, 44.2238



2.9110, 1.4068, 4.3787

Previews

White Background



This preview shows how the XYZ color 30.2743, 21.1729, 97.0989 looks on a white background.

Color Contrast Check

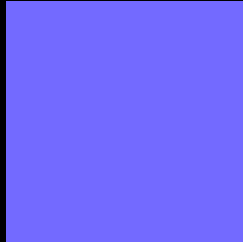
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2743, 21.1729, 97.0989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

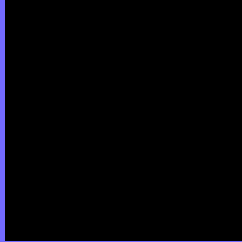
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2743, 21.1729, 97.0989

Background



This preview shows how black text looks on a background with the XYZ color 30.2743, 21.1729, 97.0989.



This preview shows how white text looks on a background with the XYZ color 30.2743, 21.1729,

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

30.2743, 21.1729, 97.0989

Protanopia

25.5162, 21.4003, 97.3936

Deuteranopia

21.3048, 21.0823, 73.4674



Tritanopia

16.8328, 20.9398, 30.3487

Trichromacy



Original Color

30.2743, 21.1729, 97.0989

Protanomaly

26.1589, 20.6714, 97.2190

Deuteranomaly

22.7876, 20.1651, 81.2885

Tritanomaly

20.2870, 20.1341, 49.2714

Monochromacy



Original Color

30.2743, 21.1729, 97.0989

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.1657, 20.3484, 42.2945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2743, 21.1729, 97.0989 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(115, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 106, 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(115, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 106, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.2743, 21.1729, 97.0989 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(115, 106, 255) }
```


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

```
.border{ border-color:rgb(115, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 106, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 106, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 106,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2743, 21.1729, 97.0989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 106, 255) }
```

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

```
.background{ background-color: rgb(115,  
106, 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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