

Converting Colors

XYZ(32.7165, 33.4577, 72.3098)

Have a look what the booklet for
XYZ(32.7165, 33.4577, 72.3098)
contains.

XYZ(32.7529, 33.5430, 72.4583)	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(32.7529, 33.5430,
72.4583)**

Conversions

Conversions Part 1

Format	Color
Hex	779EDC
RGB	119, 158, 220
RGB Percent	47%, 62%, 86%
CMY	0.5333, 0.3804, 0.1373
CMYK	0.46, 0.28, 0.00, 0.14
HSL	217°, 59%, 66%
HSV	217°, 46%, 86%
XYZ	32.7529, 33.5430, 72.4583
YIQ	153.4070, -43.1460, 11.0140

Conversions

Conversions Part 2

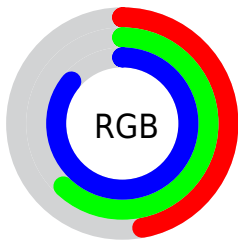
Format	Color
R _Y B	119, 147, 220
Decimal	7839452
CIE Lab	64.60, 3.14, -35.65
CIE LCh	65, 35.787, 275.028
Yxy	33.5430, 0.2360, 0.2417
Android (android.graphics.Color)	4286029532 (0xFF779EDC)
YUV	153.4070, 32.8303, -30.1749
Hunter-Lab	57.9163, -0.4080, -33.6355

Details

The XYZ color **32.7529, 33.5430, 72.4583** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **49.3700, 49.5967, 24.4253**, and the grayscale version is **30.3314, 31.9110, 34.7511**.

A 20% lighter version of the original color is **59.2727, 63.4209, 103.7252**, and **14.0991, 14.2888, 37.6122** is the 20% darker color. If you saturate the color by 10%, you get **27.8974, 27.8066, 71.6076**, and if you desaturate by 10%, it is **38.5627, 40.1485, 73.4277**.

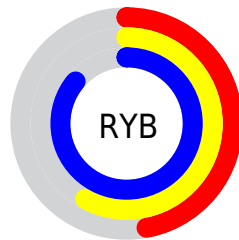
Distribution



Red (47%)

Green (62%)

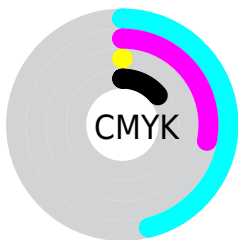
Blue (86%)



Red (47%)

Yellow (58%)

Blue (86%)

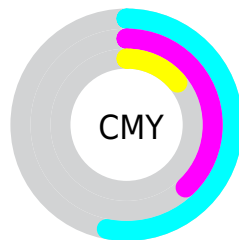


Cyan (46%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7529, 33.5430, 72.4583 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 32.7529, 33.5430, 72.4583 by changing the saturation by 10% instead.

■ 32.7529, 33.5430,
72.4583

■ 32.7529, 33.5430,
72.4583

306.2195,
318.0895, 488.1556

■ 22.0955, 22.5427,
53.0440

■ 63.3468, 65.2224,
124.4217

■ 14.0441, 14.2562,
37.4499

■ 84.0141, 86.6703,
157.8078

■ 8.2333, 8.2991,
25.2575

■ 108.7487,
112.3695, 196.6884

■ 4.2976, 4.2869,
16.0483

137.9160,
142.7044, 241.4818

■ 1.8719, 1.8353,
9.4036

171.8814,
178.0595, 292.6067

■ 0.5604, 0.5090,
4.9050

211.0102,

■ 0.0000, 0.0000,

218.8191, 350.4816

2.1338

255.6678,
265.3676, 415.5251

■ 0.0000, 0.0000,
0.6358

■ 0.0000, 0.0000,
0.0000

■ 32.7529, 33.5430,
72.4583

■ 32.7529, 33.5430,
72.4583

■ 27.8974, 27.8066,
71.6076

■ 38.5627, 40.1485,
73.4277

■ 23.9357, 22.8939,
70.8682

■ 45.3753, 47.6577,
74.5181

■ 20.8050, 18.7608,
70.2354

■ 53.2398, 56.1076,
75.7346

■ 18.4321, 15.3558,
69.7032

■ 62.2012, 65.5320,
77.0813

■ 16.7276, 12.6185,
69.2647

■ 72.3013, 75.9627,
78.5623

■ 16.1629, 11.6564,
69.1088

■ 83.5802, 87.4301,
80.1813

■ 89.1381, 96.3869,
81.6172

■ 89.9184, 97.9474,
81.8773

Harmonies

Analogous

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



27.9004, 33.5430, 68.5377



32.7529, 33.5430, 72.4583



37.8776, 33.5430, 64.8438

Triad

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



32.7529, 33.5430, 72.4583



40.6493, 33.5430, 22.6029



23.7583, 33.5430, 25.8583

Complementary

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



32.7529, 33.5430, 72.4583



49.3700, 49.5967, 24.4253

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.



26.5543, 33.5430, 17.9468



32.7529, 33.5430, 72.4583



36.2246, 33.5430, 16.4505

Square

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



32.7529, 33.5430, 72.4583



42.7378, 33.5430, 34.1051



31.0259, 33.5430, 15.0086



23.0397, 33.5430, 39.0518

Rectangle

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



32.7529, 33.5430, 72.4583



40.6557, 33.5430, 55.2007



31.0259, 33.5430, 15.0086



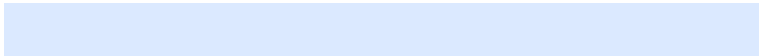
24.4705, 33.5430, 22.6192

Sweetspot

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



32.7541, 33.5442, 72.4591



76.5167, 80.6526, 106.1424



41.3996, 58.3882, 52.0560



15.8258, 16.6774, 22.6349



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.



32.7541, 33.5442, 72.4591



39.2577, 39.1886, 100.1028



28.5849, 23.0374, 70.6508



12.7489, 13.4375, 16.5739



9.5861, 7.0417, 40.5923



0.7030, 0.6202, 2.6571

Inverse Universe

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



42.2846, 30.8792, 36.0806



54.4948, 36.3255, 41.6288



55.4737, 66.2060, 27.3095



13.2631, 13.1343, 14.6468



18.3340, 9.3346, 6.1386



1.2291, 0.6213, 0.6156

Previews

White Background



This preview shows how the XYZ color 32.7529, 33.5430, 72.4583 looks on a white background.

Color Contrast Check

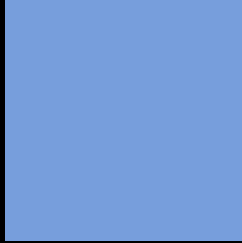
Large Text (above 18pt) WCAG AA × Fail

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 32.7529, 33.5430, 72.4583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

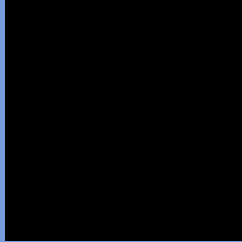
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

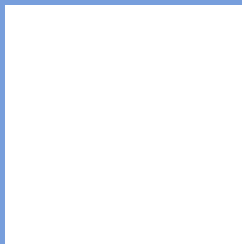
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7529, 33.5430, 72.4583

Background



This preview shows how black text looks on a background with the XYZ color 32.7529, 33.5430, 72.4583.



This preview shows how white text looks on a background with the XYZ color 32.7529, 33.5430,

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

32.7529, 33.5430, 72.4583

Protanopia

34.3965, 33.4393, 70.2872

Deuteranopia

34.4454, 33.6497, 73.0862



Tritanopia

27.8363, 33.6529, 47.6764

Trichromacy



Original Color

32.7529, 33.5430, 72.4583

Protanomaly

33.5822, 33.2505, 70.9777

Deuteranomaly

33.8417, 33.5866, 73.1058

Tritanomaly

29.3903, 33.4689, 55.9501

Monochromacy



Original Color

32.7529, 33.5430, 72.4583

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6417, 32.2797, 46.2106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7529, 33.5430, 72.4583 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(119, 158, 220)` looks like.

```
.text, #text, p{  
    color:rgb(119, 158, 220)  
}
```

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(119, 158, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 158, 220) }
```

Border

The CSS property to change the border of an element to XYZ 32.7529, 33.5430, 72.4583 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(119, 158, 220) }
```


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

```
.border{ border-color:rgb(119, 158, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 158, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 158, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 158, 220);  
box-shadow:4px 4px 4px 4px rgb(119, 158,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7529, 33.5430, 72.4583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 158, 220) }
```

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

```
.background{ background-color: rgb(119,  
158, 220) }
```

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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