

Converting Colors

XYZ(14.0255, 7.1093, 62.6891)

Have a look what the booklet for
XYZ(14.0255, 7.1093, 62.6891)
contains.

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Color

**XYZ(14.0769, 7.1132,
62.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	332AD4
RGB	51, 42, 212
RGB Percent	20%, 16%, 83%
CMY	0.7999, 0.8353, 0.1686
CMYK	0.76, 0.80, 0.00, 0.17
HSL	243°, 67%, 50%
HSV	243°, 80%, 83%
XYZ	14.0769, 7.1132, 62.9184
YIQ	64.0710, -49.2060, 54.7780

Conversions

Conversions Part 2

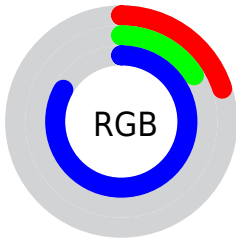
Format	Color
RYB	51, 42, 212
Decimal	3353300
CIELab	32.06, 57.37, -83.72
CIELCh	32, 101.489, 304.423
Yxy	7.1132, 0.1674, 0.0846
Android (android.graphics.Color)	4281543380 (0xFF332AD4)
YUV	64.0710, 72.9290, -11.4633
Hunter-Lab	26.6706, 47.5399, -121.2012

Details

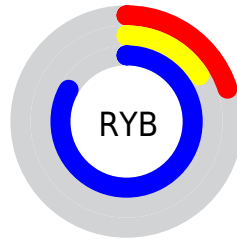
The XYZ color **14.0769, 7.1132, 62.9184** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **48.5855, 59.9485, 11.2006**, and the grayscale version is **4.7840, 5.0331, 5.4810**.

A 20% lighter version of the original color is **30.1893, 19.1594, 96.7147**, and **6.0008, 2.4003, 31.5995** is the 20% darker color. If you saturate the color by 10%, you get **12.7113, 5.5727, 62.6933**, and if you desaturate by 10%, it is **16.2771, 9.6732, 63.2968**.

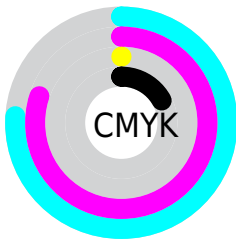
Distribution



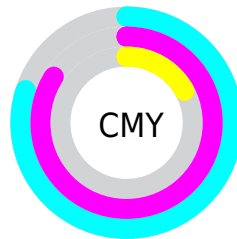
- Red (20%)
- Green (16%)
- Blue (83%)



- Red (20%)
- Yellow (16%)
- Blue (83%)



- Cyan (76%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (80%)
- Magenta (84%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0769, 7.1132, 62.9184 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 14.0769, 7.1132, 62.9184 by changing the saturation by 10% instead.

■ 14.0769, 7.1132,
62.9184

■ 14.0769, 7.1132,
62.9184

211.2098,
168.6010, 453.3731

■ 8.2562, 3.5330,
45.3346

■ 32.8105, 20.2006,
110.6362

■ 4.3125, 1.4159,
31.3762

■ 46.4542, 30.4765,
141.6073

■ 1.8804, 0.2284,
20.6246

■ 63.4363, 43.7532,
177.8780

■ 0.5654, 0.0000,
12.6613

■ 84.1221, 60.4150,
219.8667

■ 0.0000, 0.0000,
7.0678

■ 108.8770, 80.8463,
267.9920

■ 0.0000, 0.0000,
3.4254

■ 138.0663,

■ 0.0000, 0.0000,

105.4314, 322.6725

1.3158

172.0555,
134.5549, 384.3267

■ 0.0000, 0.0000,
0.0746

■ 0.0000, 0.0000,
0.0000

■ 14.0769, 7.1132,
62.9184

■ 14.0769, 7.1132,
62.9184

■ 12.7113, 5.5727,
62.6933

■ 16.2771, 9.6732,
63.2968

■ 12.0250, 4.8263,
62.5854

■ 19.4155, 13.3883,
63.8485

■ 23.5820, 18.3736,
64.5912

■ 28.8558, 24.7302,
65.5401

■ 35.3082, 32.5489,
66.7092

■ 43.0046, 41.9129,
68.1110

■ 52.0056, 52.8991,
69.7572

■ 62.3677, 65.5792,
71.6585

■ 74.1443, 80.0206,
73.8253

Harmonies

Analogous

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



7.5565, 7.1132, 84.8618



14.0769, 7.1132, 62.9184



20.2671, 7.1132, 27.6711

Triad

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



14.0769, 7.1132, 62.9184



12.0218, 7.1132, 0.0000



0.9052, 7.1132, 10.1534

Complementary

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



14.0769, 7.1132, 62.9184



48.5855, 59.9485, 11.2006

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.



1.1754, 7.1132, 0.8016



14.0769, 7.1132, 62.9184



6.0232, 7.1132, 0.0000

Square

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



14.0769, 7.1132, 62.9184



18.7154, 7.1132, 0.0000



2.5559, 7.1132, 0.0000



1.4306, 7.1132, 37.5388

Rectangle

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



14.0769, 7.1132, 62.9184



22.2553, 7.1132, 10.8528



2.5559, 7.1132, 0.0000



0.9097, 7.1132, 5.2957

Sweetspot

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



14.0774, 7.1133, 62.9186



60.3353, 57.5911, 102.5439



34.3126, 48.1941, 69.7815



12.0264, 11.2470, 21.7870



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.



14.0774, 7.1133, 62.9186



18.5183, 7.6258, 95.1036



22.7836, 11.6015, 63.3261



11.8029, 12.0398, 15.6394



7.4498, 2.9930, 38.6382



0.4713, 0.1918, 2.3315

Inverse Universe

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



38.7568, 19.9638, 58.3002



57.3801, 27.8932, 86.3765



31.5005, 51.1408, 10.4010



12.9233, 12.6208, 15.5361



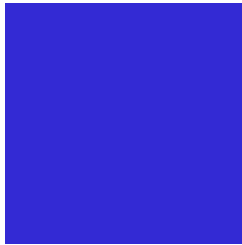
23.2647, 11.2422, 35.0275



1.4121, 0.6816, 2.1596

Previews

White Background



This preview shows how the XYZ color 14.0769, 7.1132, 62.9184 looks on a white background.

Color Contrast Check

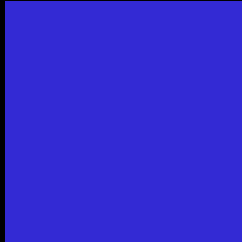
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 14.0769, 7.1132, 62.9184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

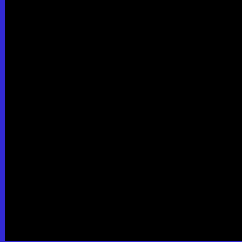
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0769, 7.1132, 62.9184

Background



This preview shows how black text looks on a background with the XYZ color 14.0769, 7.1132, 62.9184.



This preview shows how white text looks on a background with the XYZ color 14.0769, 7.1132,

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

14.0769, 7.1132, 62.9184

Protanopia

7.9849, 6.9017, 30.6171

Deuteranopia

6.6163, 6.8927, 21.7506



Tritanopia

4.8547, 6.8911, 10.3068

Trichromacy



Original Color

14.0769, 7.1132, 62.9184

Protanomaly

9.5773, 6.5319, 40.8004

Deuteranomaly

8.3600, 6.3084, 33.5779

Tritanomaly

6.5693, 5.9661, 22.9956

Monochromacy



Original Color

14.0769, 7.1132, 62.9184

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.4878, 5.0662, 17.7755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0769, 7.1132, 62.9184 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(51, 42, 212)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 212)  
}
```

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(51, 42, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 212) }
```

Border

The CSS property to change the border of an element to XYZ 14.0769, 7.1132, 62.9184 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(51, 42, 212) }
```


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

```
.border{ border-color:rgb(51, 42, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 42, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 42, 212);  
box-shadow:4px 4px 4px 4px rgb(51, 42,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0769, 7.1132, 62.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 42, 212) }
```

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

```
.background{ background-color: rgb(51, 42,  
212) }
```

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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