

Converting Colors

XYZ(14.7252, 11.4144, 32.5627)

Have a look what the booklet for
XYZ(14.7252, 11.4144, 32.5627)
contains.

XYZ(14.6426, 11.3442, 32.4282)	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(14.6426, 11.3442,
32.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	68529B
RGB	104, 82, 155
RGB Percent	41%, 32%, 61%
CMY	0.5921, 0.6784, 0.3922
CMYK	0.33, 0.47, 0.00, 0.39
HSL	258°, 31%, 46%
HSV	258°, 47%, 61%
XYZ	14.6426, 11.3442, 32.4282
YIQ	96.9000, -10.3210, 27.3670

Conversions

Conversions Part 2

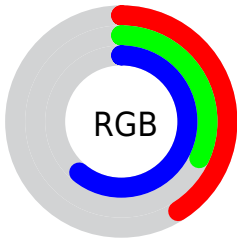
Format	Color
RYB	104, 82, 155
Decimal	6836891
CIELab	40.15, 25.99, -36.74
CIELCh	40, 45.010, 305.276
Yxy	11.3442, 0.2507, 0.1942
Android (android.graphics.Color)	4285026971 (0xFF68529B)
YUV	96.9000, 28.6433, 6.2267
Hunter-Lab	33.6812, 18.6594, -33.5076

Details

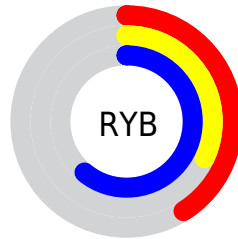
The XYZ color **14.6426, 11.3442, 32.4282** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.9173, 29.0386, 12.3801**, and the grayscale version is **11.2719, 11.8589, 12.9144**.

A 20% lighter version of the original color is **33.7887, 28.3238, 64.6589**, and **4.5473, 2.9979, 13.1710** is the 20% darker color. If you saturate the color by 10%, you get **12.4259, 8.6581, 32.0268**, and if you desaturate by 10%, it is **17.2857, 14.6424, 32.9257**.

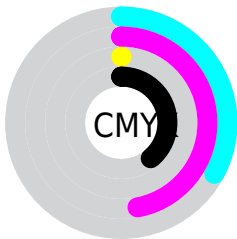
Distribution



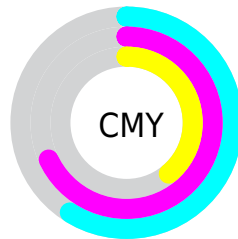
- Red (41%)
- Green (32%)
- Blue (61%)



- Red (41%)
- Yellow (32%)
- Blue (61%)



- Cyan (33%)
- Magenta (47%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (68%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6426, 11.3442, 32.4282 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 14.6426, 11.3442, 32.4282 by changing the saturation by 10% instead.

■ 14.6426, 11.3442,
32.4282

■ 14.6426, 11.3442,
32.4282

214.6242,
200.0140, 327.6179

■ 8.6536, 6.2988,
21.4213

■ 33.8018, 28.2949,
64.5875

■ 4.5712, 3.0276,
13.2380

■ 47.7027, 40.9691,
86.5768

■ 2.0301, 1.1462,
7.4600

■ 64.9717, 56.9549,
113.0641

■ 0.6508, 0.0171,
3.6686

■ 85.9740, 76.6369,
144.4679

■ 0.0000, 0.0000,
1.4454

■ 111.0750,
100.3994, 181.2065

■ 0.0000, 0.0000,
0.1767

140.6402,

■ 0.0000, 0.0000,

128.6269, 223.6988

0.0000

175.0348,
161.7036, 272.3630

■ 14.6426, 11.3442,
32.4282

■ 14.6426, 11.3442,
32.4282

■ 12.4259, 8.6581,
32.0268

■ 17.2857, 14.6424,
32.9257

■ 10.6101, 6.5437,
31.7144

■ 20.3758, 18.5870,
33.5242

■ 9.1689, 4.9576,
31.4842

■ 23.9340, 23.2114,
34.2293

■ 8.0719, 3.8492,
31.3280

■ 27.9795, 28.5460,
35.0458

■ 7.2738, 3.1388,
31.2330

■ 32.5302, 34.6197,
35.9783

■ 7.0756, 2.9641,
31.2097

■ 37.6034, 41.4594,
37.0311

■ 43.2153, 49.0910,
38.2083

■ 49.3814, 57.5388,
39.5139

■ 56.1168, 66.8264,
40.9516

Harmonies

Analogous

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



11.3450, 11.3442, 38.6719



14.6426, 11.3442, 32.4282



17.2209, 11.3442, 21.0486

Triad

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



14.6426, 11.3442, 32.4282



13.4988, 11.3442, 2.3817



5.8333, 11.3442, 14.0048

Complementary

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



14.6426, 11.3442, 32.4282



22.9173, 29.0386, 12.3801

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.



6.1895, 11.3442, 6.4570



14.6426, 11.3442, 32.4282



10.2386, 11.3442, 1.9136

Square

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



14.6426, 11.3442, 32.4282



16.4761, 11.3442, 4.8351



7.6682, 11.3442, 2.9506



6.5795, 11.3442, 25.2109

Rectangle

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



14.6426, 11.3442, 32.4282



17.9566, 11.3442, 13.8255



7.6682, 11.3442, 2.9506



5.8300, 11.3442, 10.9869

Sweetspot

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



14.6430, 11.3446, 32.4285



44.8183, 44.1345, 61.6929



17.7976, 20.9632, 34.1188



9.8254, 9.5708, 13.8999



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.6430, 11.3446, 32.4285



21.8909, 15.0754, 57.2924



19.8167, 14.0118, 32.6706



6.0508, 6.1121, 7.7898



5.7180, 2.3988, 25.0693



0.1191, 0.0532, 0.3764

Inverse Universe

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



20.7687, 14.6969, 23.9324



34.5469, 22.0198, 38.9127



18.1319, 26.5716, 12.1562



6.3819, 6.2919, 7.3911



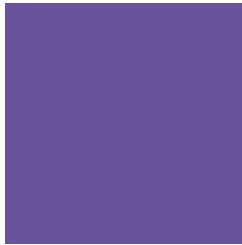
13.0611, 6.4787, 12.1127



0.2111, 0.1032, 0.2646

Previews

White Background



This preview shows how the XYZ color 14.6426, 11.3442, 32.4282 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 × Fail

Black Background



This preview shows how the XYZ color 14.6426, 11.3442, 32.4282 looks on a black 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

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

XYZ 14.6426, 11.3442, 32.4282

Background



This preview shows how black text looks on a background with the XYZ color 14.6426, 11.3442, 32.4282.



This preview shows how white text looks on a background with the XYZ color 14.6426, 11.3442,

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

14.6426, 11.3442, 32.4282

Protanopia

12.6053, 11.3950, 37.1324

Deuteranopia

11.6842, 11.4435, 31.2988



Tritanopia

10.9152, 11.2919, 14.1746

Trichromacy



Original Color

14.6426, 11.3442, 32.4282

Protanomaly

12.9833, 11.1304, 35.1823

Deuteranomaly

12.4665, 11.1900, 31.6398

Tritanomaly

12.0371, 11.2342, 19.6232

Monochromacy



Original Color

14.6426, 11.3442, 32.4282

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.3527, 11.6716, 18.7413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6426, 11.3442, 32.4282 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(104, 82, 155)` looks like.

```
.text, #text, p{  
    color:rgb(104, 82, 155)  
}
```

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(104, 82, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 82, 155) }
```

Border

The CSS property to change the border of an element to XYZ 14.6426, 11.3442, 32.4282 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(104, 82, 155) }
```


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

```
.border{ border-color:rgb(104, 82, 155) }
```

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

Here you see how a box with a 4 pixel rgb(104, 82, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 82, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 82, 155);  
box-shadow:4px 4px 4px 4px rgb(104, 82,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6426, 11.3442, 32.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 82, 155) }
```

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

```
.background{ background-color: rgb(104, 82,  
155) }
```

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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