

Converting Colors

XYZ(14.4208, 11.2510, 32.3829)

Have a look what the booklet for
XYZ(14.4208, 11.2510, 32.3829)
contains.

XYZ(14.4132, 11.2259, 32.4175)	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(14.4132, 11.2259,
32.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	66529B
RGB	102, 82, 155
RGB Percent	40%, 32%, 61%
CMY	0.6000, 0.6784, 0.3922
CMYK	0.34, 0.47, 0.00, 0.39
HSL	256°, 31%, 46%
HSV	256°, 47%, 61%
XYZ	14.4132, 11.2259, 32.4175
YIQ	96.3020, -11.5130, 26.9430

Conversions

Conversions Part 2

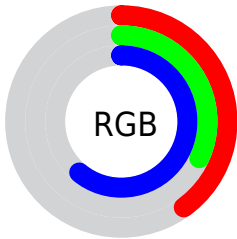
Format	Color
R_{YB}	102, 82, 155
Decimal	6705819
CIE _{Lab}	39.96, 25.43, -37.07
CIE _{LCh}	40, 44.953, 304.453
Yxy	11.2259, 0.2483, 0.1934
Android (android.graphics.Color)	4284895899 (0xFF66529B)
YUV	96.3020, 28.9381, 4.9971
Hunter-Lab	33.5051, 18.1532, -33.9119

Details

The XYZ color **14.4132, 11.2259, 32.4175** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.2360, 29.2029, 12.3950**, and the grayscale version is **11.1258, 11.7052, 12.7469**.

A 20% lighter version of the original color is **33.4017, 28.1242, 64.6408**, and **4.4750, 3.0062, 13.1764** is the 20% darker color. If you saturate the color by 10%, you get **12.1838, 8.5333, 32.0155**, and if you desaturate by 10%, it is **17.0806, 14.5366, 32.9162**.

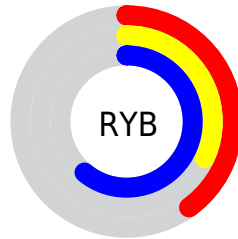
Distribution



Red (40%)

Green (32%)

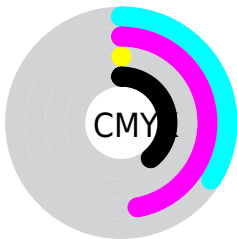
Blue (61%)



Red (40%)

Yellow (32%)

Blue (61%)

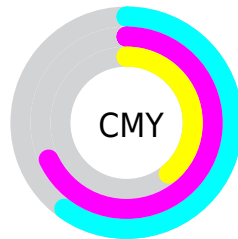


Cyan (34%)

Magenta (47%)

Yellow (0%)

Black (39%)



Cyan (60%)

Magenta (68%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4132, 11.2259, 32.4175 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 14.4132, 11.2259, 32.4175 by changing the saturation by 10% instead.

■ 14.4132, 11.2259,
32.4175

■ 14.4132, 11.2259,
32.4175

213.2460,
199.2109, 327.5679

■ 8.4922, 6.2190,
21.4131

■ 33.4006, 28.0771,
64.5705

■ 4.4659, 2.9787,
13.2321

■ 47.1977, 40.6903,
86.5563

■ 1.9690, 1.1206,
7.4560

■ 64.3509, 56.6076,
113.0395

■ 0.6164, 0.0000,
3.6661

■ 85.2256, 76.2135,
144.4389

■ 0.0000, 0.0000,
1.4440

■ 110.1871, 99.8924,
181.1728

■ 0.0000, 0.0000,
0.1757

139.6008,

■ 0.0000, 0.0000,

128.0286, 223.6600

0.0000

173.8319,
161.0067, 272.3188

■ 14.4132, 11.2259,
32.4175

■ 14.4132, 11.2259,
32.4175

■ 12.1838, 8.5333,
32.0155

■ 17.0806, 14.5366,
32.9162

■ 10.3662, 6.4180,
31.7030

■ 20.2077, 18.5003,
33.5164

■ 8.9332, 4.8361,
31.4732

■ 23.8159, 23.1504,
34.2238

■ 7.8534, 3.7365,
31.3178

■ 27.9253, 28.5180,
35.0433

■ 7.0802, 3.0390,
31.2240

■ 32.5544, 34.6321,
35.9794

■ 6.8906, 2.8688,
31.2011

■ 37.7210, 41.5200,
37.0366

■ 43.4420, 49.2077,
38.2190

■ 49.7334, 57.7201,
39.5304

■ 56.6107, 67.0809,
40.9748

Harmonies

Analogous

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



11.1398, 11.2259, 38.3946



14.4132, 11.2259, 32.4175



17.0081, 11.2259, 21.1708

Triad

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



14.4132, 11.2259, 32.4175



13.4549, 11.2259, 2.3802



5.7589, 11.2259, 13.5982

Complementary

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



14.4132, 11.2259, 32.4175



23.2360, 29.2029, 12.3950

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.



6.1418, 11.2259, 6.2363



14.4132, 11.2259, 32.4175



10.2134, 11.2259, 1.8767

Square

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



14.4132, 11.2259, 32.4175



16.3839, 11.2259, 4.8814



7.6382, 11.2259, 2.8543



6.4679, 11.2259, 24.6604

Rectangle

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



14.4132, 11.2259, 32.4175



17.7772, 11.2259, 13.9501



7.6382, 11.2259, 2.8543



5.7655, 11.2259, 10.6448

Sweetspot

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



14.4136, 11.2263, 32.4178



44.6367, 44.0409, 61.6844



18.1349, 21.6378, 34.2313



9.7795, 9.5471, 13.8977



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.



14.4136, 11.2263, 32.4178



21.4562, 14.8514, 57.2720



19.4097, 13.8019, 32.6516



6.0354, 6.1042, 7.7891



5.5673, 2.3211, 25.0623



0.1148, 0.0510, 0.3762

Inverse Universe

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



20.9082, 14.7527, 24.6669



34.8409, 22.1374, 40.4609



18.3938, 26.7067, 12.1684



6.3890, 6.2947, 7.4284



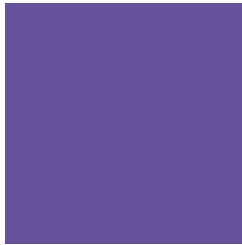
13.2469, 6.5530, 13.0909



0.2130, 0.1040, 0.2747

Previews

White Background



This preview shows how the XYZ color 14.4132, 11.2259, 32.4175 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 14.4132, 11.2259, 32.4175 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 14.4132, 11.2259, 32.4175

Background



This preview shows how black text looks on a background with the XYZ color 14.4132, 11.2259, 32.4175.



This preview shows how white text looks on a background with the XYZ color 14.4132, 11.2259,

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

14.4132, 11.2259, 32.4175

Protanopia

12.5146, 11.3588, 36.6548

Deuteranopia

11.6232, 11.4121, 31.2959



Tritanopia

10.7154, 11.1889, 14.1653

Trichromacy



Original Color

14.4132, 11.2259, 32.4175

Protanomaly

12.9833, 11.1304, 35.1823

Deuteranomaly

12.3076, 11.1081, 31.6324

Tritanomaly

11.8267, 11.1257, 19.6133

Monochromacy



Original Color

14.4132, 11.2259, 32.4175

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.9890, 11.3632, 18.3911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4132, 11.2259, 32.4175 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(102, 82, 155)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 82, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 82, 155) }
```

Border

The CSS property to change the border of an element to XYZ 14.4132, 11.2259, 32.4175 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(102, 82, 155) }
```


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

```
.border{ border-color:rgb(102, 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(102, 82, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 82, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 82, 155); box-shadow:4px 4px 4px 4px rgb(102, 82, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4132, 11.2259, 32.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 82, 155) }
```

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

```
.background{ background-color: rgb(102, 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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