

Converting Colors

XYZ(11.5429, 14.5123, 19.0224)

Have a look what the booklet for
XYZ(11.5429, 14.5123, 19.0224)
contains.

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Color

**XYZ(11.5429, 14.5123,
19.0224)**

Conversions

Conversions Part 1

Format	Color
Hex	437275
RGB	67, 114, 117
RGB Percent	26%, 45%, 46%
CMY	0.7373, 0.5529, 0.5412
CMYK	0.43, 0.03, 0.00, 0.54
HSL	184°, 27%, 36%
HSV	184°, 43%, 46%
XYZ	11.5429, 14.5123, 19.0224
YIQ	100.2890, -28.9750, -9.0310

Conversions

Conversions Part 2

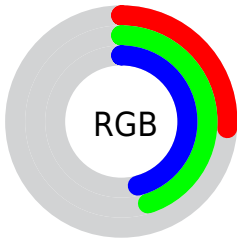
Format	Color
RYB	67, 91, 117
Decimal	4420213
CIELab	44.96, -15.15, -6.70
CIELCh	45, 16.565, 203.876
Yxy	14.5123, 0.2561, 0.3219
Android (android.graphics.Color)	4282610293 (0xFF437275)
YUV	100.2890, 8.2385, -29.1945
Hunter-Lab	38.0950, -12.5803, -2.9394

Details

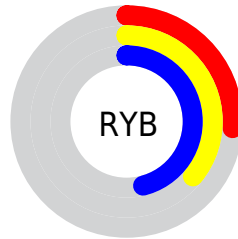
The XYZ color **11.5429, 14.5123, 19.0224** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.5395, 8.5675, 6.4086**, and the grayscale version is **12.1721, 12.8060, 13.9458**.

A 20% lighter version of the original color is **28.2689, 33.9886, 42.6066**, and **3.2035, 4.4195, 6.3144** is the 20% darker color. If you saturate the color by 10%, you get **10.7418, 13.9826, 18.9626**, and if you desaturate by 10%, it is **12.5076, 15.1279, 19.0906**.

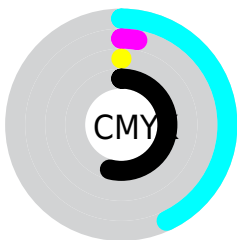
Distribution



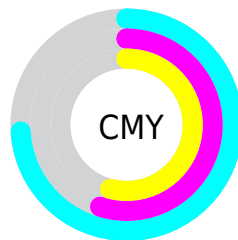
- Red (26%)
- Green (45%)
- Blue (46%)



- Red (26%)
- Yellow (36%)
- Blue (46%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (74%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5429, 14.5123, 19.0224 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 11.5429, 14.5123, 19.0224 by changing the saturation by 10% instead.

■ 11.5429, 14.5123,
19.0224

■ 11.5429, 14.5123,
19.0224

195.1876,
220.3950, 258.9992

■ 6.5032, 8.4778,
11.5095

■ 28.2839, 33.9953,
42.6091

■ 3.1970, 4.4022,
6.2922

■ 40.7160, 48.2126,
59.5201

■ 1.2588, 1.9010,
2.9519

■ 56.3429, 65.9264,
80.4007

■ 0.1520, 0.5490,
1.0701

■ 75.5300, 87.5209,
105.6697

■ 0.0000, 0.0000,
0.0000

■ 98.6427, 113.3806,
135.7455

126.0463,

143.8900, 171.0466

158.1061,
179.4333, 211.9917

■ 11.5429, 14.5123,
19.0224

■ 11.5429, 14.5123,
19.0224

■ 10.7418, 13.9826,
18.9626

■ 12.5076, 15.1279,
19.0906

■ 10.0931, 13.5320,
18.9099

■ 13.6436, 15.8324,
19.1667

■ 9.5864, 13.1556,
18.8639

■ 14.9597, 16.6306,
19.2514

■ 9.2094, 12.8469,
18.8242

■ 16.4636, 17.5266,
19.3451

■ 8.9467, 12.5980,
18.7900

■ 18.1627, 18.5241,
19.4481

■ 8.7852, 12.4329,
18.7666

■ 20.0640, 19.6267,
19.5607

■ 22.1740, 20.8379,
19.6833

■ 24.4991, 22.1608,
19.8161

■ 27.0452, 23.5986,
19.9594

Harmonies

Analogous

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



11.3589, 14.5123, 15.0177



11.5429, 14.5123, 19.0224



12.3120, 14.5123, 22.6370

Triad

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



11.5429, 14.5123, 19.0224



16.0098, 14.5123, 20.6279



14.0737, 14.5123, 9.4762

Complementary

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



11.5429, 14.5123, 19.0224



10.5395, 8.5675, 6.4086

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.



15.3893, 14.5123, 10.5023



11.5429, 14.5123, 19.0224



16.5533, 14.5123, 16.6120

Square

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



11.5429, 14.5123, 19.0224



14.8766, 14.5123, 23.6652



16.3191, 14.5123, 12.9663



12.7643, 14.5123, 9.9069

Rectangle

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



11.5429, 14.5123, 19.0224



13.0816, 14.5123, 24.1202



16.3191, 14.5123, 12.9663



14.5308, 14.5123, 9.6560

Sweetspot

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



11.5433, 14.5129, 19.0227



26.6370, 29.6894, 34.4637



9.7660, 14.3520, 7.9676



6.0216, 6.7642, 7.9172



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.5433, 14.5129, 19.0227



19.2893, 25.0751, 33.9603



9.1400, 9.7061, 18.2216



3.7654, 4.1195, 4.6869



9.6752, 13.6902, 20.6751



46.9232, 66.2631, 100.6772

Inverse Universe

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



12.3809, 9.0114, 17.0071



21.0216, 13.9487, 29.7346



12.3968, 12.2820, 7.0277



3.8176, 3.7543, 4.5663



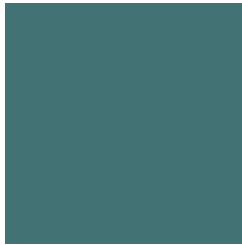
11.1808, 5.4060, 16.6919



54.3714, 26.2987, 80.7423

Previews

White Background



This preview shows how the XYZ color 11.5429, 14.5123, 19.0224 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 11.5429, 14.5123, 19.0224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

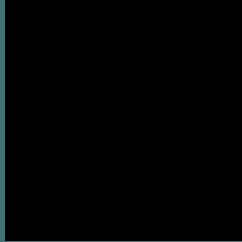
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5429, 14.5123, 19.0224

Background



This preview shows how black text looks on a background with the XYZ color 11.5429, 14.5123, 19.0224.



This preview shows how white text looks on a background with the XYZ color 11.5429, 14.5123,

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

11.5429, 14.5123, 19.0224

Protanopia

13.9201, 14.3372, 17.3629

Deuteranopia

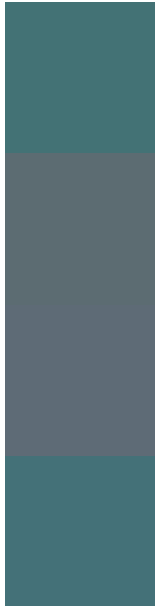
14.6104, 14.3474, 19.4520



Tritanopia

11.8722, 14.4806, 20.5817

Trichromacy



Original Color

11.5429, 14.5123, 19.0224

Protanomaly

12.8135, 14.2153, 17.9881

Deuteranomaly

13.1438, 14.2031, 19.1883

Tritanomaly

11.6792, 14.3953, 19.9323

Monochromacy



Original Color

11.5429, 14.5123, 19.0224

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6776, 13.2185, 15.5716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5429, 14.5123, 19.0224 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(67, 114, 117)` looks like.

```
.text, #text, p{  
    color:rgb(67, 114, 117)  
}
```

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(67, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 114, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.5429, 14.5123, 19.0224 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(67, 114, 117) }
```


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

```
.border{ border-color:rgb(67, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 114, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 114, 117); box-shadow:4px 4px 4px 4px rgb(67, 114, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5429, 14.5123, 19.0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 114, 117) }
```

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

```
.background{ background-color: rgb(67, 114,  
117) }
```

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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