

Converting Colors

XYZ(14.4481, 11.9151, 42.9570)

Have a look what the booklet for
XYZ(14.4481, 11.9151, 42.9570)
contains.

XYZ(14.4936, 11.9825, 43.1439)	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(14.4936, 11.9825,
43.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5AB1
RGB	75, 90, 177
RGB Percent	29%, 35%, 69%
CMY	0.7059, 0.6471, 0.3059
CMYK	0.58, 0.49, 0.00, 0.31
HSL	231°, 40%, 49%
HSV	231°, 58%, 69%
XYZ	14.4936, 11.9825, 43.1439
YIQ	95.4330, -36.8670, 23.8770

Conversions

Conversions Part 2

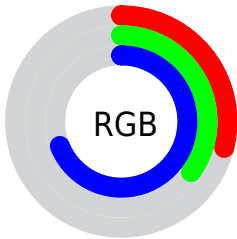
Format	Color
R_{YB}	75, 88, 177
Decimal	4938417
CIE _{Lab}	41.19, 20.62, -48.30
CIE _{LCh}	41, 52.517, 293.124
Yxy	11.9825, 0.2082, 0.1721
Android (android.graphics.Color)	4283128497 (0xFF4B5AB1)
YUV	95.4330, 40.2125, -17.9197
Hunter-Lab	34.6157, 14.1603, -49.6660

Details

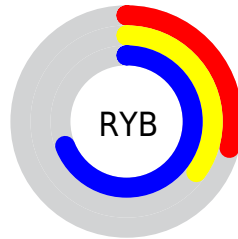
The XYZ color **14.4936, 11.9825, 43.1439** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **32.3228, 35.6974, 11.8442**, and the grayscale version is **10.8943, 11.4617, 12.4818**.

A 20% lighter version of the original color is **33.6018, 29.5449, 81.0225**, and **4.5765, 3.3320, 19.4707** is the 20% darker color. If you saturate the color by 10%, you get **12.1501, 9.0722, 42.7059**, and if you desaturate by 10%, it is **17.4819, 15.6094, 43.6867**.

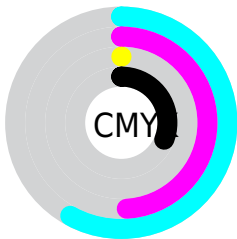
Distribution



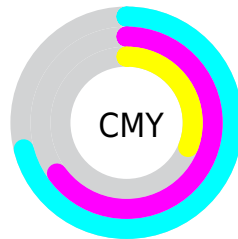
- Red (29%)
- Green (35%)
- Blue (69%)



- Red (29%)
- Yellow (35%)
- Blue (69%)



- Cyan (58%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4936, 11.9825, 43.1439 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 14.4936, 11.9825, 43.1439 by changing the saturation by 10% instead.

■ 14.4936, 11.9825,
43.1439

■ 14.4936, 11.9825,
43.1439

213.7300,
204.2894, 375.1418

■ 8.5488, 6.7318,
29.6658

■ 33.5413, 29.4632,
81.2167

■ 4.5028, 3.2949,
19.3352

■ 47.3749, 42.4620,
106.6484

■ 1.9903, 1.2876,
11.7335

■ 64.5688, 58.8123,
136.9017

■ 0.6285, 0.1316,
6.4421

■ 85.4883, 78.8984,
172.3953

■ 0.0000, 0.0000,
3.0426

■ 110.4988,
103.1048, 213.5475

■ 0.0000, 0.0000,
1.1164

139.9657,

■ 0.0000, 0.0000,

131.8158, 260.7770

0.0000

174.2543,
165.4159, 314.5022

■ 14.4936, 11.9825,
43.1439

■ 14.4936, 11.9825,
43.1439

■ 12.1501, 9.0722,
42.7059

■ 17.4819, 15.6094,
43.6867

■ 10.4013, 6.8290,
42.3651

■ 21.1569, 19.9956,
44.3397

■ 9.1919, 5.1984,
42.1141

■ 25.5588, 25.1817,
45.1087

■ 8.4430, 4.1104,
41.9436

■ 30.7242, 31.2053,
45.9991

■ 8.3058, 3.9142,
41.9130

■ 36.6873, 38.1014,
47.0159

■ 43.4800, 45.9029,
48.1637

■ 51.1327, 54.6411,
49.4470

■ 59.6741, 64.3460,
50.8701

■ 69.1315, 75.0458,
52.4369

Harmonies

Analogous

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



10.5396, 11.9825, 46.6181



14.4936, 11.9825, 43.1439



18.2607, 11.9825, 29.9816

Triad

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



14.4936, 11.9825, 43.1439



16.3395, 11.9825, 2.4666



5.5829, 11.9825, 10.7068

Complementary

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



14.4936, 11.9825, 43.1439



32.3228, 35.6974, 11.8442

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.



6.5021, 11.9825, 4.1092



14.4936, 11.9825, 43.1439



12.2829, 11.9825, 1.3650

Square

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



14.4936, 11.9825, 43.1439



19.4808, 11.9825, 6.4528



8.7628, 11.9825, 1.7324



5.9206, 11.9825, 23.0661

Rectangle

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



14.4936, 11.9825, 43.1439



19.8715, 11.9825, 20.0829



8.7628, 11.9825, 1.7324



5.7468, 11.9825, 7.8824

Sweetspot

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



14.4941, 11.9829, 43.1442



55.3592, 56.2746, 82.4396



25.1193, 35.5385, 39.5790



11.5817, 11.7129, 17.7947



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



14.4941, 11.9829, 43.1442



20.8628, 15.1119, 76.3126



16.9705, 11.5674, 42.9335



8.1395, 8.4251, 10.7035



6.0462, 2.8928, 30.3767



0.2216, 0.1538, 0.9662

Inverse Universe

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



22.4935, 15.1182, 11.4056



36.7750, 22.0812, 13.0144



28.0283, 37.6418, 12.4458



8.5456, 8.5250, 9.1055



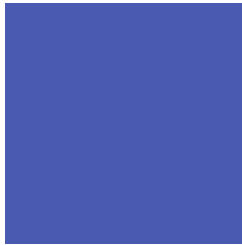
13.2865, 6.8322, 1.4028



0.4339, 0.2213, 0.1275

Previews

White Background



This preview shows how the XYZ color 14.4936, 11.9825, 43.1439 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 14.4936, 11.9825, 43.1439 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 14.4936, 11.9825, 43.1439

Background



This preview shows how black text looks on a background with the XYZ color 14.4936, 11.9825, 43.1439.



This preview shows how white text looks on a background with the XYZ color 14.4936, 11.9825,

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

14.4936, 11.9825, 43.1439

Protanopia

13.7084, 12.0454, 45.3185

Deuteranopia

12.2247, 12.0317, 42.2355



Tritanopia

9.3555, 11.9710, 17.7371

Trichromacy



Original Color

14.4936, 11.9825, 43.1439

Protanomaly

14.0160, 12.0846, 44.7739

Deuteranomaly

12.5260, 11.7615, 42.6843

Tritanomaly

10.8175, 11.8200, 25.3783

Monochromacy



Original Color

14.4936, 11.9825, 43.1439

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.6405, 11.3841, 20.9859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4936, 11.9825, 43.1439 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(75, 90, 177)` looks like.

```
.text, #text, p{  
    color:rgb(75, 90, 177)  
}
```

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(75, 90, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 90, 177) }
```

Border

The CSS property to change the border of an element to XYZ 14.4936, 11.9825, 43.1439 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(75, 90, 177) }
```


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

```
.border{ border-color:rgb(75, 90, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 90, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(75, 90, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(75, 90, 177); box-shadow:4px 4px 4px 4px rgb(75, 90, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4936, 11.9825, 43.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 90, 177) }
```

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

```
.background{ background-color: rgb(75, 90,  
177) }
```

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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