

Converting Colors

XYZ(14.3614, 14.0424, 40.9832)

Have a look what the booklet for
XYZ(14.3614, 14.0424, 40.9832)
contains.

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Color

**XYZ(14.3614, 14.0424,
40.9832)**

Conversions

Conversions Part 1

Format	Color
Hex	3C69AC
RGB	60, 105, 172
RGB Percent	24%, 41%, 67%
CMY	0.7647, 0.5882, 0.3255
CMYK	0.65, 0.39, 0.00, 0.33
HSL	216°, 48%, 45%
HSV	216°, 65%, 67%
XYZ	14.3614, 14.0424, 40.9832
YIQ	99.1830, -48.3270, 11.2970

Conversions

Conversions Part 2

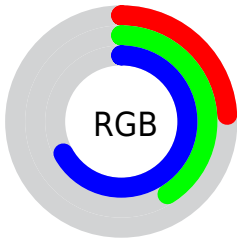
Format	Color
R _Y B	60, 92, 172
Decimal	3959212
CIE Lab	44.29, 6.42, -40.45
CIE LCh	44, 40.956, 279.025
Yxy	14.0424, 0.2070, 0.2024
Android (android.graphics.Color)	4282149292 (0xFF3C69AC)
YUV	99.1830, 35.8988, -34.3635
Hunter-Lab	37.4732, 2.8311, -38.6123

Details

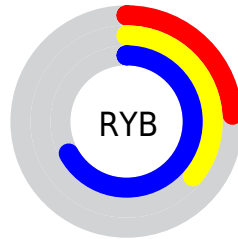
The XYZ color **14.3614, 14.0424, 40.9832** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **25.4190, 24.2768, 7.6218**, and the grayscale version is **11.8275, 12.4434, 13.5509**.

A 20% lighter version of the original color is **33.3633, 33.2299, 78.0544**, and **4.8937, 4.4598, 18.0557** is the 20% darker color. If you saturate the color by 10%, you get **12.5009, 11.6206, 40.6141**, and if you desaturate by 10%, it is **16.6876, 16.8929, 41.4111**.

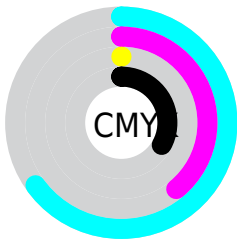
Distribution



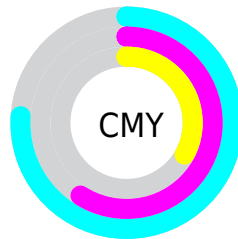
- Red (24%)
- Green (41%)
- Blue (67%)



- Red (24%)
- Yellow (36%)
- Blue (67%)



- Cyan (65%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3614, 14.0424, 40.9832 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 14.3614, 14.0424, 40.9832 by changing the saturation by 10% instead.

■ 14.3614, 14.0424,
40.9832

■ 14.3614, 14.0424,
40.9832

212.9336,
217.4944, 365.9250

■ 8.4558, 8.1502,
27.9864

■ 33.3099, 33.1642,
77.9118

■ 4.4422, 4.1912,
18.0764

■ 47.0834, 47.1626,
102.6806

■ 1.9552, 1.7811,
10.8349

■ 64.2104, 64.6319,
132.2105

■ 0.6086, 0.4753,
5.8431

■ 85.0562, 85.9563,
166.9200

■ 0.0000, 0.0000,
2.6827

■ 109.9860,
111.5204, 207.2277

■ 0.0000, 0.0000,
0.9347

139.3653,

■ 0.0000, 0.0000,

141.7085, 253.5520

0.0000

173.5593,
176.9051, 306.3116

■ 14.3614, 14.0424,
40.9832

■ 14.3614, 14.0424,
40.9832

■ 12.5009, 11.6206,
40.6141

■ 16.6876, 16.8929,
41.4111

■ 11.0656, 9.5994,
40.2996

■ 19.5115, 20.1944,
41.8995

■ 10.0093, 7.9481,
40.0366

■ 22.8643, 23.9693,
42.4514

■ 9.5810, 7.2477,
39.9240

■ 26.7737, 28.2375,
43.0692

■ 31.2655, 33.0181,
43.7552

■ 36.3637, 38.3287,
44.5116

■ 42.0911, 44.1861,
45.3403

■ 48.4691, 50.6065,
46.2434

■ 55.5182, 57.6052,
47.2228

Harmonies

Analogous

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



11.2131, 14.0424, 39.1328



14.3614, 14.0424, 40.9832



17.7274, 14.0424, 34.0646

Triad

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



14.3614, 14.0424, 40.9832



18.8737, 14.0424, 6.5002



8.2794, 14.0424, 9.6903

Complementary

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



14.3614, 14.0424, 40.9832



25.4190, 24.2768, 7.6218

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.



9.7549, 14.0424, 5.1091



14.3614, 14.0424, 40.9832



15.7355, 14.0424, 3.8620

Square

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



14.3614, 14.0424, 40.9832



20.5992, 14.0424, 12.6265



12.3813, 14.0424, 3.4858



8.0345, 14.0424, 18.3034

Rectangle

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



14.3614, 14.0424, 40.9832



19.5211, 14.0424, 26.6040



12.3813, 14.0424, 3.4858



8.6347, 14.0424, 7.7474

Sweetspot

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



14.3620, 14.0429, 40.9836



52.3114, 55.2328, 78.7097



20.3396, 31.9553, 24.6107



10.8980, 11.5007, 17.0332



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



14.3620, 14.0429, 40.9836



21.4727, 19.4244, 73.4233



11.5408, 7.4884, 39.8671



7.8331, 8.2656, 10.1353



7.1807, 5.4952, 29.7267



0.2542, 0.2618, 0.8451

Inverse Universe

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



21.1794, 13.0229, 14.7624



35.3498, 19.4874, 19.5694



30.6046, 37.5830, 9.9169



8.1336, 8.0667, 9.0142



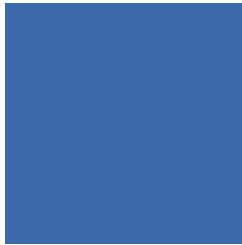
13.4881, 6.8578, 4.9499



0.4027, 0.2018, 0.2825

Previews

White Background



This preview shows how the XYZ color 14.3614, 14.0424, 40.9832 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 14.3614, 14.0424, 40.9832 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 14.3614, 14.0424, 40.9832

Background



This preview shows how black text looks on a background with the XYZ color 14.3614, 14.0424, 40.9832.



This preview shows how white text looks on a background with the XYZ color 14.3614, 14.0424,

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

14.3614, 14.0424, 40.9832

Protanopia

15.0547, 13.9870, 39.4424

Deuteranopia

14.4224, 14.0738, 40.9861



Tritanopia

10.3645, 14.0238, 21.2294

Trichromacy



Original Color

14.3614, 14.0424, 40.9832

Protanomaly

14.7045, 13.9424, 39.9463

Deuteranomaly

14.4224, 14.0738, 40.9861

Tritanomaly

11.4470, 13.7842, 27.2566

Monochromacy



Original Color

14.3614, 14.0424, 40.9832

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.1659, 12.7450, 21.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3614, 14.0424, 40.9832 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(60, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(60, 105, 172)  
}
```

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(60, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 105, 172) }
```

Border

The CSS property to change the border of an element to XYZ 14.3614, 14.0424, 40.9832 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(60, 105, 172) }
```


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

```
.border{ border-color:rgb(60, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(60, 105,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3614, 14.0424, 40.9832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 105, 172) }
```

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

```
.background{ background-color: rgb(60, 105,  
172) }
```

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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