

Converting Colors

XYZ(14.3084, 16.1457, 32.9341)

Have a look what the booklet for
XYZ(14.3084, 16.1457, 32.9341)
contains.

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Color

**XYZ(14.3084, 16.1457,
32.9341)**

Conversions

Conversions Part 1

Format	Color
Hex	40759A
RGB	64, 117, 154
RGB Percent	25%, 46%, 60%
CMY	0.7490, 0.5412, 0.3961
CMYK	0.58, 0.24, 0.00, 0.40
HSL	205°, 41%, 43%
HSV	205°, 58%, 60%
XYZ	14.3084, 16.1457, 32.9341
YIQ	105.3710, -43.4650, 0.2710

Conversions

Conversions Part 2

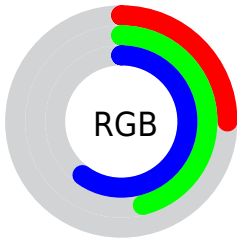
Format	Color
R _Y B	64, 97, 154
Decimal	4224410
CIE Lab	47.17, -6.28, -25.35
CIE LCh	47, 26.114, 256.085
Yxy	16.1457, 0.2257, 0.2547
Android (android.graphics.Color)	4282414490 (0xFF40759A)
YUV	105.3710, 23.9741, -36.2824
Hunter-Lab	40.1817, -6.7555, -20.4686

Details

The XYZ color **14.3084, 16.1457, 32.9341** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.9061, 16.5483, 7.0489**, and the grayscale version is **13.4739, 14.1755, 15.4372**.

A 20% lighter version of the original color is **33.3043, 36.9013, 65.6889**, and **4.5763, 5.2355, 13.6013** is the 20% darker color. If you saturate the color by 10%, you get **12.7290, 14.2734, 32.6563**, and if you desaturate by 10%, it is **16.2154, 18.2615, 33.2423**.

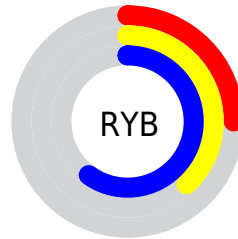
Distribution



Red (25%)

Green (46%)

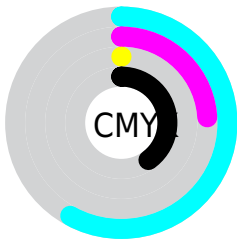
Blue (60%)



Red (25%)

Yellow (38%)

Blue (60%)

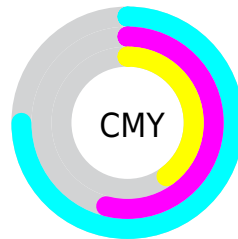


Cyan (58%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3084, 16.1457, 32.9341 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 14.3084, 16.1457, 32.9341 by changing the saturation by 10% instead.

■ 14.3084, 16.1457,
32.9341

■ 14.3084, 16.1457,
32.9341

■ 212.6135,
230.1999, 329.9756

■ 8.4186, 9.6273,
21.8053

■ 33.2170, 36.8510,
65.3875

■ 4.4180, 5.1526,
13.5169

■ 46.9664, 51.8066,
87.5491

■ 1.9412, 2.3371,
7.6506

■ 64.0665, 70.3435,
114.2253

■ 0.6006, 0.7932,
3.7876

■ 84.8826, 92.8460,
145.8348

■ 0.0000, 0.0000,
1.5096

■ 109.7799,
119.6985, 182.7960

■ 0.0000, 0.0000,
0.2250

139.1240,

■ 0.0000, 0.0000,

151.2854, 225.5275

0.0000

173.2800,
187.9911, 274.4479

■ 14.3084, 16.1457,
32.9341

■ 14.3084, 16.1457,
32.9341

■ 12.7290, 14.2734,
32.6563

■ 16.2154, 18.2615,
33.2423

■ 11.4511, 12.6289,
32.4062

■ 18.4699, 20.6317,
33.5810

■ 10.4471, 11.1968,
32.1827

■ 21.0922, 23.2683,
33.9517

■ 9.6621, 9.9471,
31.9828

■ 24.1005, 26.1821,
34.3555

■ 9.5473, 9.7621,
31.9532

■ 27.5115, 29.3831,
34.7936

■ 31.3411, 32.8806,
35.2668

■ 35.6042, 36.6836,
35.7762

■ 40.3149, 40.8006,
36.3226

■ 45.4867, 45.2397,
36.9068

Harmonies

Analogous

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



12.4825, 16.1457, 28.3544



14.3084, 16.1457, 32.9341



16.6023, 16.1457, 32.7461

Triad

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



14.3084, 16.1457, 32.9341



19.9920, 16.1457, 14.3037



12.3797, 16.1457, 10.1864

Complementary

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



14.3084, 16.1457, 32.9341



18.9061, 16.5483, 7.0489

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.



14.1548, 16.1457, 8.0132



14.3084, 16.1457, 32.9341



18.6170, 16.1457, 9.9528

Square

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



14.3084, 16.1457, 32.9341



20.0436, 16.1457, 20.7999



16.4326, 16.1457, 7.9400



11.4465, 16.1457, 14.7107

Rectangle

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



14.3084, 16.1457, 32.9341



18.0965, 16.1457, 29.9085



16.4326, 16.1457, 7.9400



12.8893, 16.1457, 9.2123

Sweetspot

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



14.3090, 16.1463, 32.9345



43.8255, 47.6047, 62.4151



15.9708, 25.1217, 16.0646



9.5641, 10.4349, 14.0804



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.



14.3090, 16.1463, 32.9345



22.3797, 25.0008, 59.1824



10.3303, 8.1889, 31.6083



6.1715, 6.6004, 7.8777



7.8141, 8.0250, 26.0448



0.1525, 0.1914, 0.4013

Inverse Universe

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



18.3712, 11.8218, 18.1438



30.8414, 17.7551, 27.9778



24.3776, 27.4914, 8.8727



6.3537, 6.2806, 7.2426



12.4030, 6.2154, 8.6471



0.2035, 0.1001, 0.2242

Previews

White Background



This preview shows how the XYZ color 14.3084, 16.1457, 32.9341 looks on a white background.

Color Contrast Check

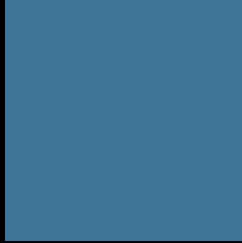
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3084, 16.1457, 32.9341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

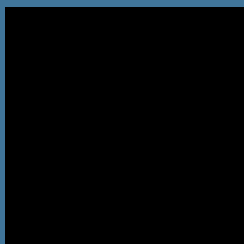
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

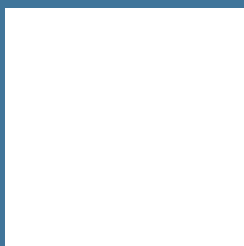
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3084, 16.1457, 32.9341

Background



This preview shows how black text looks on a background with the XYZ color 14.3084, 16.1457, 32.9341.

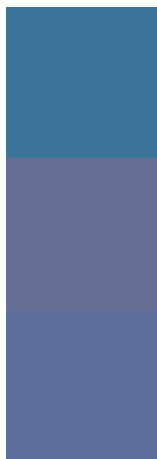


This preview shows how white text looks on a background with the XYZ color 14.3084, 16.1457,

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

14.3084, 16.1457, 32.9341

Protanopia

16.3676, 16.0885, 30.6765

Deuteranopia

16.4006, 16.0390, 33.6839



Tritanopia

12.4554, 16.0977, 23.9234

Trichromacy



Original Color

14.3084, 16.1457, 32.9341

Protanomaly

15.5155, 16.1193, 31.5717

Deuteranomaly

15.4777, 16.0616, 33.2948

Tritanomaly

13.1216, 16.1966, 26.8608

Monochromacy



Original Color

14.3084, 16.1457, 32.9341

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2602, 14.5410, 20.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3084, 16.1457, 32.9341 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(64, 117, 154)` looks like.

```
.text, #text, p{  
  color:rgb(64, 117, 154)  
}
```

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(64, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 117, 154) }
```

Border

The CSS property to change the border of an element to XYZ 14.3084, 16.1457, 32.9341 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(64, 117, 154) }
```


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

```
.border{ border-color:rgb(64, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(64, 117,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3084, 16.1457, 32.9341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 117, 154) }
```

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

```
.background{ background-color: rgb(64, 117,  
154) }
```

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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