

Converting Colors

XYZ(14.0409, 14.4110, 37.1640)

Have a look what the booklet for
XYZ(14.0409, 14.4110, 37.1640)
contains.

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Color

**XYZ(14.0500, 14.4296,
37.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6CA4
RGB	62, 108, 164
RGB Percent	24%, 42%, 64%
CMY	0.7568, 0.5765, 0.3569
CMYK	0.62, 0.34, 0.00, 0.36
HSL	213°, 45%, 44%
HSV	213°, 62%, 64%
XYZ	14.0500, 14.4296, 37.1666
YIQ	100.6300, -45.3920, 7.6640

Conversions

Conversions Part 2

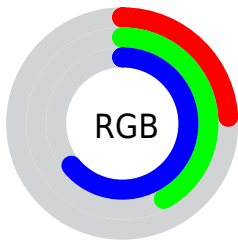
Format	Color
R _Y B	62, 94, 164
Decimal	4091044
CIE Lab	44.84, 2.12, -34.87
CIE LCh	45, 34.937, 273.477
Yxy	14.4296, 0.2140, 0.2198
Android (android.graphics.Color)	4282281124 (0xFF3E6CA4)
YUV	100.6300, 31.2414, -33.8785
Hunter-Lab	37.9863, -0.4542, -31.4202

Details

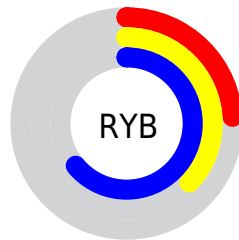
The XYZ color **14.0500, 14.4296, 37.1666** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **22.6585, 21.1983, 7.4556**, and the grayscale version is **12.2056, 12.8412, 13.9841**.

A 20% lighter version of the original color is **32.6555, 33.7623, 71.8135**, and **4.5934, 4.5073, 15.9571** is the 20% darker color. If you saturate the color by 10%, you get **12.2715, 12.1752, 36.8255**, and if you desaturate by 10%, it is **16.2380, 17.0411, 37.5557**.

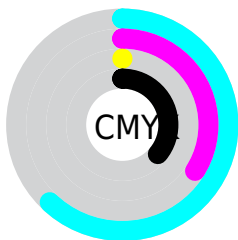
Distribution



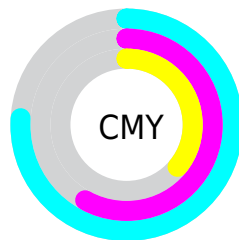
- Red (24%)
- Green (42%)
- Blue (64%)



- Red (24%)
- Yellow (37%)
- Blue (64%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0500, 14.4296, 37.1666 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 14.0500, 14.4296, 37.1666 by changing the saturation by 10% instead.

■ 14.0500, 14.4296,
37.1666

■ 14.0500, 14.4296,
37.1666

211.0460,
219.8873, 349.2216

■ 8.2374, 8.4201,
25.0397

■ 32.7632, 33.8494,
72.0181

■ 4.3003, 4.3649,
15.8874

■ 46.3946, 48.0284,
95.5799

■ 1.8734, 1.8797,
9.2910

■ 63.3629, 65.6994,
123.7903

■ 0.5613, 0.5361,
4.8321

■ 84.0335, 87.2467,
157.0679

■ 0.0000, 0.0000,
2.0921

■ 108.7717,
113.0547, 195.8313

■ 0.0000, 0.0000,
0.6110

137.9430,

■ 0.0000, 0.0000,

143.5079, 240.4991

0.0000

171.9127,
178.9906, 291.4897

■ 14.0500, 14.4296,
37.1666

■ 14.0500, 14.4296,
37.1666

■ 12.2715, 12.1752,
36.8255

■ 16.2380, 17.0411,
37.5557

■ 10.8690, 10.2557,
36.5289

■ 18.8621, 20.0271,
37.9937

■ 9.8056, 8.6476,
36.2746

■ 21.9483, 23.4051,
38.4831

■ 9.1469, 7.5724,
36.1017

■ 25.5198, 27.1911,
39.0256

■ 29.5984, 31.4000,
39.6230

■ 34.2044, 36.0459,
40.2770

■ 39.3569, 41.1422,
40.9891

■ 45.0741, 46.7016,
41.7609

■ 51.3732, 52.7364,
42.5937

Harmonies

Analogous

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



11.4099, 14.4296, 34.3585



14.0500, 14.4296, 37.1666



16.9660, 14.4296, 32.7795

Triad

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



14.0500, 14.4296, 37.1666



18.8137, 14.4296, 8.5457



9.3719, 14.4296, 9.6922

Complementary

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



14.0500, 14.4296, 37.1666



22.6585, 21.1983, 7.4556

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.



10.9082, 14.4296, 5.9182



14.0500, 14.4296, 37.1666



16.3111, 14.4296, 5.4354

Square

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



14.0500, 14.4296, 37.1666



19.9459, 14.4296, 14.7785



13.3852, 14.4296, 4.6741



8.9390, 14.4296, 16.6827

Rectangle

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



14.0500, 14.4296, 37.1666



18.6081, 14.4296, 27.0282



13.3852, 14.4296, 4.6741



9.7648, 14.4296, 8.0982

Sweetspot

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



14.0505, 14.4301, 37.1670



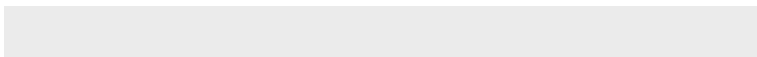
48.3259, 51.4426, 71.1347



18.4384, 28.8458, 21.2421



10.1446, 10.8086, 15.4891



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



14.0505, 14.4301, 37.1670



21.1210, 20.5582, 66.6073



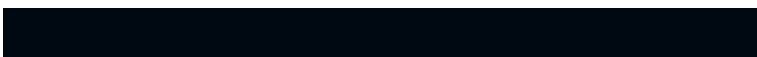
10.6307, 7.2639, 35.9640



6.9512, 7.3614, 8.9576



7.0598, 5.8989, 27.6963



0.1953, 0.2179, 0.5976

Inverse Universe

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



19.7397, 12.4211, 15.5449



32.8540, 18.4292, 21.5634



28.7628, 34.4346, 9.6888



7.2003, 7.1366, 8.0414



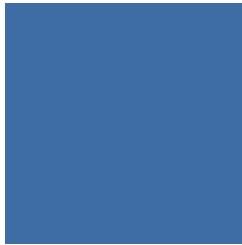
12.7089, 6.4396, 5.6577



0.2908, 0.1448, 0.2438

Previews

White Background



This preview shows how the XYZ color 14.0500, 14.4296, 37.1666 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 14.0500, 14.4296, 37.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

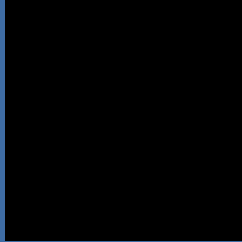
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0500, 14.4296, 37.1666

Background



This preview shows how black text looks on a background with the XYZ color 14.0500, 14.4296, 37.1666.



This preview shows how white text looks on a background with the XYZ color 14.0500, 14.4296,

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

14.0500, 14.4296, 37.1666

Protanopia

15.1332, 14.4171, 35.2429

Deuteranopia

14.8472, 14.5205, 37.6175



Tritanopia

10.9433, 14.4850, 21.6212

Trichromacy



Original Color

14.0500, 14.4296, 37.1666

Protanomaly

14.5452, 14.2541, 35.7029

Deuteranomaly

14.5750, 14.5341, 37.6345

Tritanomaly

11.8807, 14.3524, 26.5702

Monochromacy



Original Color

14.0500, 14.4296, 37.1666

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.5189, 13.3821, 20.9920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0500, 14.4296, 37.1666 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(62, 108, 164)` looks like.

```
.text, #text, p{  
    color:rgb(62, 108, 164)  
}
```

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(62, 108, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 108, 164) }
```

Border

The CSS property to change the border of an element to XYZ 14.0500, 14.4296, 37.1666 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(62, 108, 164) }
```


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

```
.border{ border-color:rgb(62, 108, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 108, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 108, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 108, 164);  
box-shadow:4px 4px 4px 4px rgb(62, 108,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0500, 14.4296, 37.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 108, 164) }
```

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

```
.background{ background-color: rgb(62, 108,  
164) }
```

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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