

Converting Colors

XYZ(14.8469, 12.4376, 36.5934)

Have a look what the booklet for
XYZ(14.8469, 12.4376, 36.5934)
contains.

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Color

**XYZ(14.8556, 12.4378,
36.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5BA4
RGB	92, 91, 164
RGB Percent	36%, 36%, 64%
CMY	0.6392, 0.6431, 0.3569
CMYK	0.44, 0.45, 0.00, 0.36
HSL	241°, 29%, 50%
HSV	241°, 45%, 64%
XYZ	14.8556, 12.4378, 36.7397
YIQ	99.6210, -22.8370, 22.9150

Conversions

Conversions Part 2

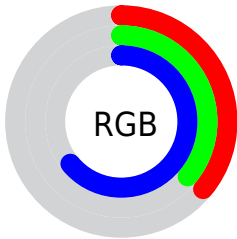
Format	Color
RYB	92, 91, 164
Decimal	6052772
CIELab	41.90, 19.75, -39.40
CIELCh	42, 44.075, 296.618
Yxy	12.4378, 0.2320, 0.1942
Android (android.graphics.Color)	4284242852 (0xFF5C5BA4)
YUV	99.6210, 31.7388, -6.6836
Hunter-Lab	35.2673, 13.4717, -37.0783

Details

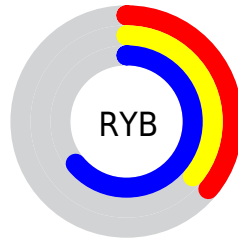
The XYZ color **14.8556, 12.4378, 36.7397** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **30.2677, 35.0927, 15.0761**, and the grayscale version is **11.9433, 12.5653, 13.6836**.

A 20% lighter version of the original color is **34.1651, 30.2752, 71.0608**, and **4.6623, 3.4587, 15.7511** is the 20% darker color. If you saturate the color by 10%, you get **12.1569, 9.1881, 36.2549**, and if you desaturate by 10%, it is **18.2066, 16.4790, 37.3434**.

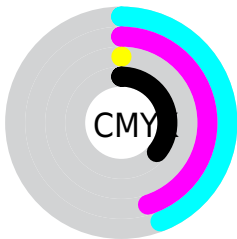
Distribution



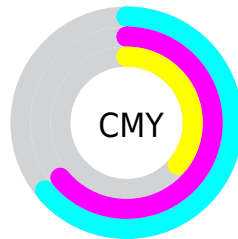
- Red (36%)
- Green (36%)
- Blue (64%)



- Red (36%)
- Yellow (36%)
- Blue (64%)



- Cyan (44%)
- Magenta (45%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8556, 12.4378, 36.7397 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 14.8556, 12.4378, 36.7397 by changing the saturation by 10% instead.

■ 14.8556, 12.4378,
36.7397

■ 14.8556, 12.4378,
36.7397

215.8963,
207.2825, 347.3169

■ 8.8038, 7.0426,
24.7118

■ 34.1734, 30.2900,
71.3541

■ 4.6695, 3.4887,
15.6454

■ 48.1701, 43.5158,
94.7777

■ 2.0874, 1.3919,
9.1220

■ 65.5457, 60.1205,
122.8370

■ 0.6824, 0.2107,
4.7229

■ 86.6657, 80.4886,
155.9504

■ 0.0000, 0.0000,
2.0297

■ 111.8954,
105.0044, 194.5366

■ 0.0000, 0.0000,
0.5735

141.6002,

■ 0.0000, 0.0000,

134.0524, 239.0140

0.0000

176.1454,
168.0170, 289.8013

■ 14.8556, 12.4378,
36.7397

■ 14.8556, 12.4378,
36.7397

■ 12.1569, 9.1881,
36.2549

■ 18.2066, 16.4790,
37.3434

■ 10.0668, 6.6767,
35.8803

■ 22.2470, 21.3574,
38.0720

■ 8.5383, 4.8462,
35.6076

■ 27.0129, 27.1169,
38.9325

■ 7.5172, 3.6301,
35.4267

■ 32.5373, 33.7979,
39.9309

■ 6.9383, 2.9478,
35.3255

■ 38.8513, 41.4384,
41.0729

■ 6.7291, 2.6949,
35.2877

■ 45.9843, 50.0741,
42.3638

■ 53.9640, 59.7390,
43.8087

■ 62.8171, 70.4654,
45.4126

■ 72.5689, 82.2843,
47.1799

Harmonies

Analogous

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



11.4561, 12.4378, 40.4979



14.8556, 12.4378, 36.7397



17.8604, 12.4378, 26.0031

Triad

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



14.8556, 12.4378, 36.7397



15.6134, 12.4378, 3.4082



6.6072, 12.4378, 12.5118

Complementary

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



14.8556, 12.4378, 36.7397



30.2677, 35.0927, 15.0761

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.



7.3254, 12.4378, 5.8768



14.8556, 12.4378, 36.7397



12.1951, 12.4378, 2.3693

Square

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



14.8556, 12.4378, 36.7397



18.3513, 12.4378, 6.9913



9.2319, 12.4378, 3.0036



7.0601, 12.4378, 23.2731

Rectangle

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



14.8556, 12.4378, 36.7397



19.0212, 12.4378, 18.1326



9.2319, 12.4378, 3.0036



6.7157, 12.4378, 9.8011

Sweetspot

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



14.8561, 12.4382, 36.7400



50.2258, 50.6640, 70.8843



24.2909, 31.4557, 39.9135



10.5481, 10.5536, 15.4186



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.



14.8561, 12.4382, 36.7400



22.2912, 16.9479, 65.8487



19.2693, 14.7133, 36.9465



6.7090, 6.8644, 8.8744



5.1629, 2.0680, 27.0568



0.1110, 0.0448, 0.5686

Inverse Universe

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



25.6618, 18.0192, 36.7748



44.3767, 28.3563, 65.8463



23.9911, 31.8570, 14.7824



7.3601, 7.2005, 8.8828



16.7236, 8.0455, 26.7987



0.3526, 0.1695, 0.5696

Previews

White Background



This preview shows how the XYZ color 14.8556, 12.4378, 36.7397 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 14.8556, 12.4378, 36.7397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

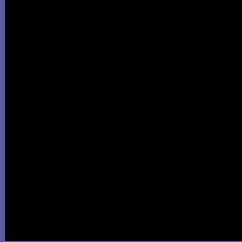
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8556, 12.4378, 36.7397

Background



This preview shows how black text looks on a background with the XYZ color 14.8556, 12.4378, 36.7397.



This preview shows how white text looks on a background with the XYZ color 14.8556, 12.4378,

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

14.8556, 12.4378, 36.7397

Protanopia

13.6590, 12.4236, 39.2142

Deuteranopia

12.7871, 12.4621, 35.9139



Tritanopia

10.8614, 12.4679, 16.8730

Trichromacy



Original Color

14.8556, 12.4378, 36.7397

Protanomaly

13.9582, 12.3319, 38.2038

Deuteranomaly

13.3923, 12.3497, 36.3282

Tritanomaly

12.0584, 12.3744, 22.8720

Monochromacy



Original Color

14.8556, 12.4378, 36.7397

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.7796, 12.5208, 20.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8556, 12.4378, 36.7397 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(92, 91, 164)` looks like.

```
.text, #text, p{  
    color:rgb(92, 91, 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(92, 91, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 91, 164) }
```

Border

The CSS property to change the border of an element to XYZ 14.8556, 12.4378, 36.7397 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(92, 91, 164) }
```


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

```
.border{ border-color:rgb(92, 91, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 91, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 91, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 91, 164);  
box-shadow:4px 4px 4px 4px rgb(92, 91,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8556, 12.4378, 36.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 91, 164) }
```

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

```
.background{ background-color: rgb(92, 91,  
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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