

Converting Colors

XYZ(17.2732, 14.6722, 44.3841)

Have a look what the booklet for
XYZ(17.2732, 14.6722, 44.3841)
contains.

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Color

**XYZ(17.3099, 14.7487,
44.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	5E64B3
RGB	94, 100, 179
RGB Percent	37%, 39%, 70%
CMY	0.6314, 0.6078, 0.2980
CMYK	0.47, 0.44, 0.00, 0.30
HSL	236°, 36%, 54%
HSV	236°, 47%, 70%
XYZ	17.3099, 14.7487, 44.5823
YIQ	107.2120, -28.9350, 23.2970

Conversions

Conversions Part 2

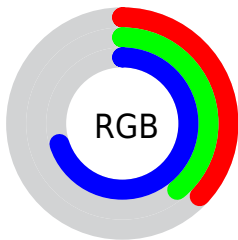
Format	Color
R _Y B	94, 100, 179
Decimal	6186163
CIE Lab	45.29, 19.24, -42.84
CIE LCh	45, 46.966, 294.186
Yxy	14.7487, 0.2259, 0.1924
Android (android.graphics.Color)	4284376243 (0xFF5E64B3)
YUV	107.2120, 35.3915, -11.5869
Hunter-Lab	38.4040, 13.2485, -41.9455

Details

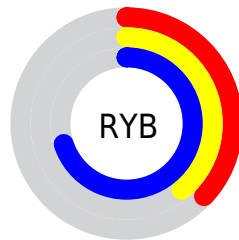
The XYZ color **17.3099, 14.7487, 44.5823** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **35.5550, 40.2799, 16.4913**, and the grayscale version is **13.9450, 14.6713, 15.9770**.

A 20% lighter version of the original color is **38.4564, 34.5209, 83.2336**, and **5.8844, 4.5568, 20.3081** is the 20% darker color. If you saturate the color by 10%, you get **14.2467, 11.0379, 44.0278**, and if you desaturate by 10%, it is **21.1258, 19.3316, 45.2661**.

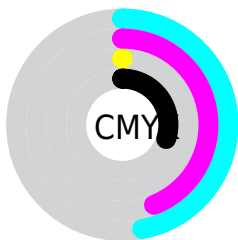
Distribution



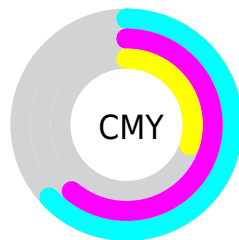
- Red (37%)
- Green (39%)
- Blue (70%)



- Red (37%)
- Yellow (39%)
- Blue (70%)



- Cyan (47%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)



- Cyan (63%)
- Magenta (61%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3099, 14.7487, 44.5823 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 17.3099, 14.7487, 44.5823 by changing the saturation by 10% instead.

■ 17.3099, 14.7487,
44.5823

■ 17.3099, 14.7487,
44.5823

230.0736,
221.8401, 381.1899

■ 10.5524, 8.6432,
30.7880

■ 38.3972, 34.4117,
83.4050

■ 5.8318, 4.5092,
20.1804

■ 53.4577, 48.7380,
109.2706

■ 2.7827, 1.9623,
12.3408

■ 72.0165, 66.5734,
139.9969

■ 1.0399, 0.5854,
6.8509

■ 94.4391, 88.3023,
176.0026

■ 0.0000, 0.0000,
3.2920

121.0907,
114.3089, 217.7062

■ 0.0000, 0.0000,
1.2456

152.3368,

■ 0.0000, 0.0000,

144.9779, 265.5263

0.0166

188.5426,
180.6935, 319.8813

■ 0.0000, 0.0000,
0.0000

■ 17.3099, 14.7487,
44.5823

■ 17.3099, 14.7487,
44.5823

■ 14.2467, 11.0379,
44.0278

■ 21.1258, 19.3316,
45.2661

■ 11.8845, 8.1424,
43.5934

■ 25.7378, 24.8355,
46.0854

■ 10.1681, 6.0009,
43.2705

■ 31.1882, 31.3076,
47.0473

■ 9.0331, 4.5430,
43.0489

■ 37.5158, 38.7913,
48.1583

■ 8.3907, 3.6790,
42.9160

■ 44.7570, 47.3274,
49.4243

■ 8.2760, 3.5332,
42.8939

■ 52.9459, 56.9546,
50.8509

■ 62.1153, 67.7093,
52.4435

■ 72.2960, 79.6265,
54.2072

■ 83.4794, 92.7200,
56.1451

Harmonies

Analogous

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



13.2743, 14.7487, 48.1695



17.3099, 14.7487, 44.5823



20.9973, 14.7487, 32.1302

Triad

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



17.3099, 14.7487, 44.5823



18.8642, 14.7487, 4.2013



7.8180, 14.7487, 13.9858

Complementary

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



17.3099, 14.7487, 44.5823



35.5550, 40.2799, 16.4913

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.



8.7873, 14.7487, 6.5052



17.3099, 14.7487, 44.5823



14.7894, 14.7487, 2.7874

Square

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



17.3099, 14.7487, 44.5823



22.0046, 14.7487, 8.7866



11.1727, 14.7487, 3.3750



8.2441, 14.7487, 26.5259

Rectangle

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



17.3099, 14.7487, 44.5823



22.5126, 14.7487, 22.6297



11.1727, 14.7487, 3.3750



7.9848, 14.7487, 10.9016

Sweetspot

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



17.3105, 14.7492, 44.5827



59.3621, 60.2217, 84.8764



28.1751, 37.5957, 44.7599



12.6364, 12.7320, 18.7138



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



17.3105, 14.7492, 44.5827



25.2850, 19.4880, 78.8101



21.2567, 15.9607, 44.6085



8.0885, 8.3233, 10.6866



5.8671, 2.5346, 30.3170



0.2004, 0.1114, 0.9592

Inverse Universe

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



24.8939, 18.5099, 14.3177



40.5978, 27.3433, 17.6388



29.5700, 38.9406, 16.5482



8.5199, 8.5147, 8.9702



13.1961, 6.7960, 0.9267



0.4232, 0.2170, 0.0713

Previews

White Background



This preview shows how the XYZ color 17.3099, 14.7487, 44.5823 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 17.3099, 14.7487, 44.5823 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 17.3099, 14.7487, 44.5823

Background



This preview shows how black text looks on a background with the XYZ color 17.3099, 14.7487, 44.5823.



This preview shows how white text looks on a background with the XYZ color 17.3099, 14.7487,

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

17.3099, 14.7487, 44.5823

Protanopia

16.2452, 14.7360, 46.7879

Deuteranopia

15.2228, 14.8915, 43.6670



Tritanopia

12.4785, 14.7932, 20.6100

Trichromacy



Original Color

17.3099, 14.7487, 44.5823

Protanomaly

16.6871, 14.8272, 46.2384

Deuteranomaly

15.8351, 14.7340, 44.1288

Tritanomaly

13.8878, 14.5473, 28.0625

Monochromacy



Original Color

17.3099, 14.7487, 44.5823

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6634, 14.4189, 24.2006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3099, 14.7487, 44.5823 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(94, 100, 179)` looks like.

```
.text, #text, p{  
    color:rgb(94, 100, 179)  
}
```

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(94, 100, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 100, 179) }
```

Border

The CSS property to change the border of an element to XYZ 17.3099, 14.7487, 44.5823 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(94, 100, 179) }
```


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

```
.border{ border-color:rgb(94, 100, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 100, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 100, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 100, 179);  
box-shadow:4px 4px 4px 4px rgb(94, 100,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3099, 14.7487, 44.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 100, 179) }
```

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

```
.background{ background-color: rgb(94, 100,  
179) }
```

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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