

Converting Colors

XYZ(11.6892, 14.4973, 24.5701)

Have a look what the booklet for
XYZ(11.6892, 14.4973, 24.5701)
contains.

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Color

**XYZ(11.6856, 14.4597,
24.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	337286
RGB	51, 114, 134
RGB Percent	20%, 45%, 53%
CMY	0.8000, 0.5529, 0.4745
CMYK	0.62, 0.15, 0.00, 0.47
HSL	194°, 45%, 36%
HSV	194°, 62%, 53%
XYZ	11.6856, 14.4597, 24.7294
YIQ	97.4430, -43.9680, -7.1360

Conversions

Conversions Part 2

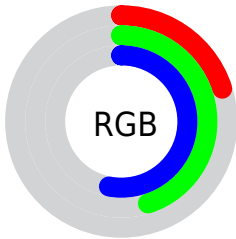
Format	Color
RYB	51, 87, 134
Decimal	3371654
CIELab	44.89, -13.81, -17.05
CIELCh	45, 21.943, 230.988
Yxy	14.4597, 0.2297, 0.2842
Android (android.graphics.Color)	4281561734 (0xFF337286)
YUV	97.4430, 18.0226, -40.7305
Hunter-Lab	38.0259, -11.6912, -11.9399

Details

The XYZ color **11.6856, 14.4597, 24.7294** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6826, 9.8141, 4.3582**, and the grayscale version is **11.4365, 12.0321, 13.1029**.

A 20% lighter version of the original color is **28.5497, 33.9245, 52.0571**, and **3.5484, 4.5365, 9.0761** is the 20% darker color. If you saturate the color by 10%, you get **10.7476, 13.4453, 24.5833**, and if you desaturate by 10%, it is **12.8320, 15.6013, 24.8896**.

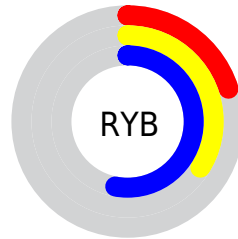
Distribution



Red (20%)

Green (45%)

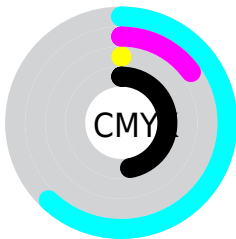
Blue (53%)



Red (20%)

Yellow (34%)

Blue (53%)

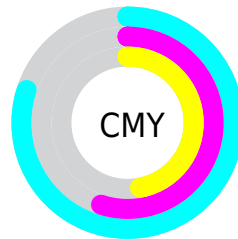


Cyan (62%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (80%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6856, 14.4597, 24.7294 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 11.6856, 14.4597, 24.7294 by changing the saturation by 10% instead.

■ 11.6856, 14.4597,
24.7294

■ 11.6856, 14.4597,
24.7294

■ 196.1253,
220.0722, 289.8921

■ 6.6006, 8.4411,
15.6584

■ 28.5430, 33.9025,
52.1766

■ 3.2577, 4.3785,
9.1310

■ 41.0462, 48.0955,
71.3898

■ 1.2915, 1.8874,
4.7288

■ 56.7529, 65.7820,
94.8208

■ 0.1768, 0.5408,
2.0331

■ 76.0283, 87.3465,
122.8882

■ 0.0000, 0.0000,
0.5755

■ 99.2379, 113.1734,
156.0105

■ 0.0000, 0.0000,
0.0000

■ 126.7471,

143.6471, 194.6062

158.9211,
179.1519, 239.0939

■ 11.6856, 14.4597,
24.7294

■ 11.6856, 14.4597,
24.7294

■ 10.7476, 13.4453,
24.5833

■ 12.8320, 15.6013,
24.8896

■ 9.9993, 12.5472,
24.4494

■ 14.2008, 16.8764,
25.0636

■ 9.4207, 11.7554,
24.3271

■ 15.8062, 18.2931,
25.2524

■ 9.0263, 11.1676,
24.2344

■ 17.6610, 19.8579,
25.4567

■ 19.7769, 21.5772,
25.6770

■ 22.1648, 23.4567,
25.9140

■ 24.8350, 25.5020,
26.1680

■ 27.7974, 27.7183,
26.4397

■ 31.0612, 30.1105,
26.7294

Harmonies

Analogous

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



10.7695, 14.4597, 19.5519



11.6856, 14.4597, 24.7294



13.2105, 14.4597, 27.6474

Triad

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



11.6856, 14.4597, 24.7294



17.4374, 14.4597, 17.3419



12.5453, 14.4597, 8.2079

Complementary

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



11.6856, 14.4597, 24.7294



12.6826, 9.8141, 4.3582

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.



14.2906, 14.4597, 7.8674



11.6856, 14.4597, 24.7294



17.2201, 14.4597, 12.4660

Square

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



11.6856, 14.4597, 24.7294



16.6001, 14.4597, 22.8129



16.0299, 14.4597, 9.2511



11.2350, 14.4597, 10.3110

Rectangle

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



11.6856, 14.4597, 24.7294



14.4111, 14.4597, 27.5614



16.0299, 14.4597, 9.2511



13.0968, 14.4597, 7.9047

Sweetspot

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



11.6861, 14.4602, 24.7297



32.0120, 35.7247, 44.9467



11.0078, 18.2012, 8.7886



7.0157, 7.8868, 10.1052



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.6861, 14.4602, 24.7297



18.4123, 23.0821, 43.2233



8.0600, 7.2081, 23.5211



4.7091, 5.0938, 5.9358



8.4674, 10.4826, 22.7138



0.0350, 0.0476, 0.0806

Inverse Universe

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



14.0530, 8.6513, 16.8494



23.1825, 12.7806, 27.0262



16.2089, 16.8667, 5.5336



4.8112, 4.7442, 5.6181



11.4521, 5.6452, 12.2188



0.0425, 0.0207, 0.0573

Previews

White Background



This preview shows how the XYZ color 11.6856, 14.4597, 24.7294 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 11.6856, 14.4597, 24.7294 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 11.6856, 14.4597, 24.7294

Background



This preview shows how black text looks on a background with the XYZ color 11.6856, 14.4597, 24.7294.



This preview shows how white text looks on a background with the XYZ color 11.6856, 14.4597,

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

11.6856, 14.4597, 24.7294

Protanopia

14.3147, 14.4284, 22.4526

Deuteranopia

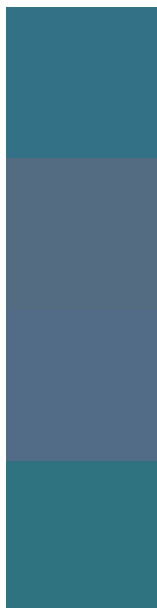
14.6498, 14.3875, 25.2975



Tritanopia

11.1194, 14.5758, 21.6294

Trichromacy



Original Color

11.6856, 14.4597, 24.7294

Protanomaly

12.9591, 14.1758, 23.1723

Deuteranomaly

13.2154, 14.2682, 24.9792

Tritanomaly

11.2459, 14.4484, 22.6182

Monochromacy



Original Color

11.6856, 14.4597, 24.7294

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9730, 12.5318, 16.5924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6856, 14.4597, 24.7294 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(51, 114, 134)` looks like.

```
.text, #text, p{  
    color:rgb(51, 114, 134)  
}
```

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(51, 114, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 114, 134) }
```

Border

The CSS property to change the border of an element to XYZ 11.6856, 14.4597, 24.7294 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(51, 114, 134) }
```


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

```
.border{ border-color:rgb(51, 114, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 114, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 114, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 114, 134);  
box-shadow:4px 4px 4px 4px rgb(51, 114,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6856, 14.4597, 24.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 114, 134) }
```

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

```
.background{ background-color: rgb(51, 114,  
134) }
```

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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