

Converting Colors

XYZ(11.1694, 14.7719, 23.3006)

Have a look what the booklet for
XYZ(11.1694, 14.7719, 23.3006)
contains.

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Color

**XYZ(11.1535, 14.7276,
23.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	257582
RGB	37, 117, 130
RGB Percent	15%, 46%, 51%
CMY	0.8549, 0.5412, 0.4902
CMYK	0.72, 0.10, 0.00, 0.49
HSL	188°, 56%, 33%
HSV	188°, 72%, 51%
XYZ	11.1535, 14.7276, 23.3740
YIQ	94.5620, -51.8530, -12.9170

Conversions

Conversions Part 2

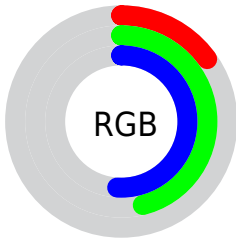
Format	Color
R_{YB}	37, 80, 130
Decimal	2454914
CIE _{Lab}	45.26, -19.26, -14.13
CIE _{LCh}	45, 23.887, 216.280
Yxy	14.7276, 0.2264, 0.2990
Android (android.graphics.Color)	4280644994 (0xFF257582)
YUV	94.5620, 17.4709, -50.4819
Hunter-Lab	38.3766, -15.2810, -9.2482

Details

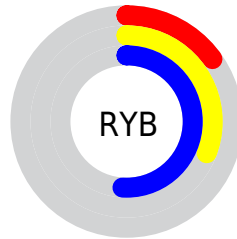
The XYZ color **11.1535, 14.7276, 23.3740** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.6809, 7.1611, 2.5700**, and the grayscale version is **10.7418, 11.3012, 12.3070**.

A 20% lighter version of the original color is **27.5591, 34.2816, 49.9642**, and **3.5523, 4.7283, 8.5100** is the 20% darker color. If you saturate the color by 10%, you get **10.5579, 14.1096, 23.2864**, and if you desaturate by 10%, it is **11.9203, 15.4406, 23.4715**.

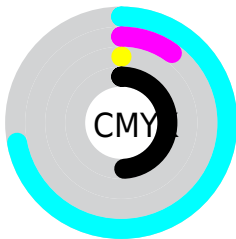
Distribution



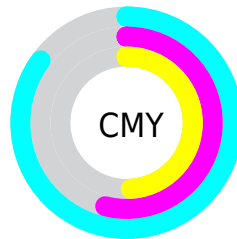
- Red (15%)
- Green (46%)
- Blue (51%)



- Red (15%)
- Yellow (31%)
- Blue (51%)



- Cyan (72%)
- Magenta (10%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1535, 14.7276, 23.3740 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 11.1535, 14.7276, 23.3740 by changing the saturation by 10% instead.

■ 11.1535, 14.7276,
23.3740

■ 11.1535, 14.7276,
23.3740

■ 192.6043,
221.7115, 282.8241

■ 6.2382, 8.6284,
14.6620

■ 27.5741, 34.3746,
49.9377

■ 3.0325, 4.4996,
8.4385

■ 39.8102, 48.6912,
68.6264

■ 1.1710, 1.9568,
4.2851

■ 55.2172, 66.5158,
91.4779

■ 0.0833, 0.5822,
1.7830

■ 74.1605, 88.2327,
118.9105

■ 0.0000, 0.0000,
0.4167

■ 97.0055, 114.2263,
151.3429

■ 0.0000, 0.0000,
0.0000

■ 124.1176,

144.8810, 189.1936

155.8621,
180.5813, 232.8812

■ 11.1535, 14.7276,
23.3740

■ 11.1535, 14.7276,
23.3740

■ 10.5579, 14.1096,
23.2864

■ 11.9203, 15.4406,
23.4715

■ 10.1136, 13.5753,
23.2067

■ 12.8728, 16.2552,
23.5785

■ 9.8047, 13.1624,
23.1433

■ 14.0256, 17.1791,
23.6961

■ 15.3913, 18.2191,
23.8248

■ 16.9816, 19.3810,
23.9653

■ 18.8071, 20.6705,
24.1180

■ 20.8780, 22.0928,
24.2834

■ 23.2038, 23.6528,
24.4619

■ 25.7933, 25.3552,
24.6540

Harmonies

Analogous

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



10.5513, 14.7276, 17.2556



11.1535, 14.7276, 23.3740



12.5248, 14.7276, 28.2018

Triad

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



11.1535, 14.7276, 23.3740



17.7723, 14.7276, 20.8229



13.5867, 14.7276, 7.4700

Complementary

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



11.1535, 14.7276, 23.3740



10.6809, 7.1611, 2.5700

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.



15.5827, 14.7276, 7.9950



11.1535, 14.7276, 23.3740



18.1241, 14.7276, 14.8749

Square

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



11.1535, 14.7276, 23.3740



16.3686, 14.7276, 26.5031



17.2895, 14.7276, 10.4209



11.8683, 14.7276, 8.7668

Rectangle

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



11.1535, 14.7276, 23.3740



13.7531, 14.7276, 29.5278



17.2895, 14.7276, 10.4209



14.2461, 14.7276, 7.4446

Sweetspot

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



11.1540, 14.7281, 23.3744



29.9231, 34.1437, 42.2058



9.3089, 16.5841, 5.6611



6.6212, 7.6189, 9.5400



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.1540, 14.7281, 23.3744



18.0628, 24.2284, 40.9170



7.0523, 6.5248, 22.0071



4.3968, 4.7876, 5.5056



9.4047, 12.6278, 22.1917



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0788, 7.3538, 17.5603



21.8808, 11.1334, 29.0410



13.7141, 13.2275, 3.5811



4.4731, 4.4024, 5.2960



11.6240, 5.6693, 15.1417



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1535, 14.7276, 23.3740 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 11.1535, 14.7276, 23.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

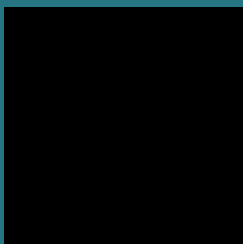
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1535, 14.7276, 23.3740

Background



This preview shows how black text looks on a background with the XYZ color 11.1535, 14.7276, 23.3740.

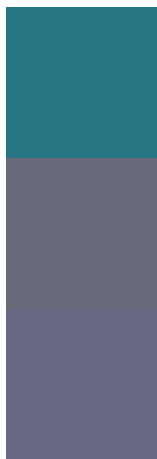


This preview shows how white text looks on a background with the XYZ color 11.1535, 14.7276,

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

11.1535, 14.7276, 23.3740

Protanopia

14.3758, 14.6563, 20.4836

Deuteranopia

14.8929, 14.5371, 24.2113



Tritanopia

10.8852, 14.6122, 22.3254

Trichromacy



Original Color

11.1535, 14.7276, 23.3740

Protanomaly

12.5859, 14.3380, 21.5062

Deuteranomaly

12.9418, 14.3087, 23.9095

Tritanomaly

10.9851, 14.6562, 22.6720

Monochromacy



Original Color

11.1535, 14.7276, 23.3740

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.3811, 12.2391, 16.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1535, 14.7276, 23.3740 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(37, 117, 130)` looks like.

```
.text, #text, p{  
    color:rgb(37, 117, 130)  
}
```

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(37, 117, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 117, 130) }
```

Border

The CSS property to change the border of an element to XYZ 11.1535, 14.7276, 23.3740 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(37, 117, 130) }
```


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

```
.border{ border-color:rgb(37, 117, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 117, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 117, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 117, 130); box-shadow:4px 4px 4px 4px rgb(37, 117, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1535, 14.7276, 23.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 117, 130) }
```

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

```
.background{ background-color: rgb(37, 117,  
130) }
```

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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