

Converting Colors

XYZ(11.4508, 14.9736, 20.6484)

Have a look what the booklet for
XYZ(11.4508, 14.9736, 20.6484)
contains.

XYZ(11.4497, 14.9399, 20.6926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4497, 14.9399,
20.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	37757A
RGB	55, 117, 122
RGB Percent	22%, 46%, 48%
CMY	0.7843, 0.5412, 0.5216
CMYK	0.55, 0.04, 0.00, 0.52
HSL	184°, 38%, 35%
HSV	184°, 55%, 48%
XYZ	11.4497, 14.9399, 20.6926
YIQ	99.0320, -38.5570, -11.5890

Conversions

Conversions Part 2

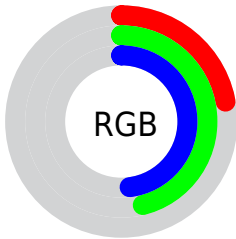
Format	Color
RYB	55, 87, 122
Decimal	3634554
CIELab	45.55, -18.37, -8.86
CIELCh	46, 20.397, 205.755
Yxy	14.9399, 0.2432, 0.3173
Android (android.graphics.Color)	4281824634 (0xFF37757A)
YUV	99.0320, 11.3232, -38.6161
Hunter-Lab	38.6522, -14.7653, -4.6846

Details

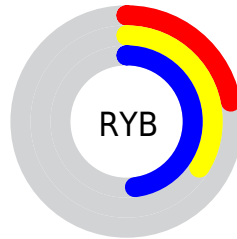
The XYZ color **11.4497, 14.9399, 20.6926** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.3319, 7.6456, 4.5461**, and the grayscale version is **11.8475, 12.4645, 13.5739**.

A 20% lighter version of the original color is **28.0123, 34.6201, 45.2503**, and **3.2697, 4.6153, 7.0218** is the 20% darker color. If you saturate the color by 10%, you get **10.7569, 14.4264, 20.6303**, and if you desaturate by 10%, it is **12.3097, 15.5418, 20.7637**.

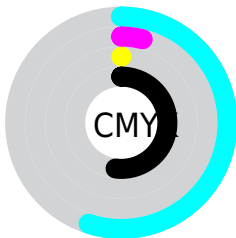
Distribution



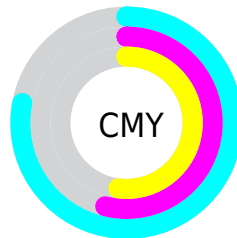
- Red (22%)
- Green (46%)
- Blue (48%)



- Red (22%)
- Yellow (34%)
- Blue (48%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (52%)



- Cyan (78%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4497, 14.9399, 20.6926 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 11.4497, 14.9399, 20.6926 by changing the saturation by 10% instead.

■ 11.4497, 14.9399,
20.6926

■ 11.4497, 14.9399,
20.6926

■ 194.5726,
223.0022, 268.3675

■ 6.4397, 8.7772,
12.7104

■ 28.1144, 34.7477,
45.4495

■ 3.1574, 4.5962,
7.1011

■ 40.4999, 49.1616,
63.0613

■ 1.2375, 2.0123,
3.4460

■ 56.0745, 67.0947,
84.7201

■ 0.1357, 0.6146,
1.3266

■ 75.2036, 88.9315,
110.8444

■ 0.0000, 0.0000,
0.0835

■ 98.2526, 115.0562,
141.8527

■ 0.0000, 0.0000,
0.0000

■ 125.5869,

145.8533, 178.1637

157.5717,
181.7071, 220.1957

■ 11.4497, 14.9399,
20.6926

■ 11.4497, 14.9399,
20.6926

■ 10.7569, 14.4264,
20.6303

■ 12.3097, 15.5418,
20.7637

■ 10.2175, 13.9931,
20.5751

■ 13.3468, 16.2362,
20.8431

■ 9.8179, 13.6335,
20.5267

■ 14.5715, 17.0289,
20.9315

■ 9.5360, 13.3360,
20.4841

■ 15.9932, 17.9247,
21.0295

■ 9.4066, 13.1925,
20.4633

■ 17.6208, 18.9281,
21.1374

■ 19.4624, 20.0435,
21.2556

■ 21.5259, 21.2747,
21.3845

■ 23.8186, 22.6258,
21.5245

■ 26.3477, 24.1002,
21.6758

Harmonies

Analogous

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



11.1778, 14.9399, 15.5826



11.4497, 14.9399, 20.6926



12.4355, 14.9399, 25.3178

Triad

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



11.4497, 14.9399, 20.6926



17.0830, 14.9399, 22.1367



14.4437, 14.9399, 8.5914

Complementary

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



11.4497, 14.9399, 20.6926



10.3319, 7.6456, 4.5461

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.



16.1238, 14.9399, 9.6801



11.4497, 14.9399, 20.6926



17.7229, 14.9399, 16.9712

Square

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



11.4497, 14.9399, 20.6926



15.6711, 14.9399, 26.2617



17.3587, 14.9399, 12.5222



12.8238, 14.9399, 9.1971

Rectangle

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



11.4497, 14.9399, 20.6926



13.4092, 14.9399, 27.1571



17.3587, 14.9399, 12.5222



15.0212, 14.9399, 8.7642

Sweetspot

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



11.4502, 14.9405, 20.6930



27.7463, 31.2910, 36.9703



9.3371, 15.0523, 6.6152



6.2488, 7.0950, 8.4468



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.4502, 14.9405, 20.6930



18.6448, 25.1626, 36.2671



8.2618, 8.5637, 19.6302



4.0827, 4.4637, 5.0896



9.9009, 13.8842, 21.5434



46.9548, 65.6822, 102.6729

Inverse Universe

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



12.6035, 8.1548, 17.7399



20.9583, 12.1069, 30.2191



12.6275, 12.2367, 5.3113



4.1422, 4.0726, 4.9465



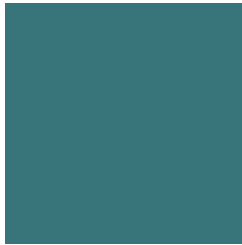
11.5808, 5.6085, 16.8815



55.1037, 26.6978, 79.7994

Previews

White Background



This preview shows how the XYZ color 11.4497, 14.9399, 20.6926 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 11.4497, 14.9399, 20.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

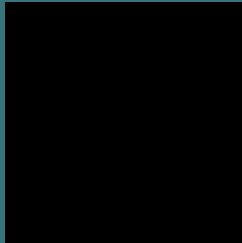
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4497, 14.9399, 20.6926

Background



This preview shows how black text looks on a background with the XYZ color 11.4497, 14.9399, 20.6926.



This preview shows how white text looks on a background with the XYZ color 11.4497, 14.9399,

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

11.4497, 14.9399, 20.6926

Protanopia

14.4156, 14.8790, 18.3318

Deuteranopia

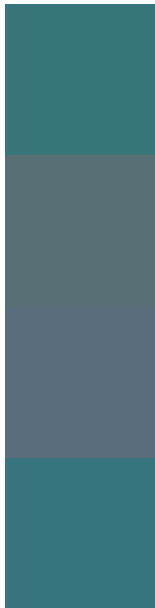
15.0599, 14.8350, 21.4717



Tritanopia

11.6422, 14.8379, 21.9891

Trichromacy



Original Color

11.4497, 14.9399, 20.6926

Protanomaly

12.9790, 14.7516, 19.3028

Deuteranomaly

13.2266, 14.5164, 21.1736

Tritanomaly

11.5779, 14.8122, 21.6509

Monochromacy



Original Color

11.4497, 14.9399, 20.6926

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3752, 13.2086, 15.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4497, 14.9399, 20.6926 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(55, 117, 122)` looks like.

```
.text, #text, p{  
  color:rgb(55, 117, 122)  
}
```

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(55, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 117, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.4497, 14.9399, 20.6926 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(55, 117, 122) }
```


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

```
.border{ border-color:rgb(55, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(55, 117,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4497, 14.9399, 20.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 117, 122) }
```

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

```
.background{ background-color: rgb(55, 117,  
122) }
```

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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