

Converting Colors

XYZ(15.2396, 17.7526, 22.3620)

Have a look what the booklet for
XYZ(15.2396, 17.7526, 22.3620)
contains.

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Color

**XYZ(15.2396, 17.7526,
22.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7A7E
RGB	93, 122, 126
RGB Percent	36%, 48%, 49%
CMY	0.6353, 0.5216, 0.5059
CMYK	0.26, 0.03, 0.00, 0.51
HSL	187°, 15%, 43%
HSV	187°, 26%, 49%
XYZ	15.2396, 17.7526, 22.3620
YIQ	113.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

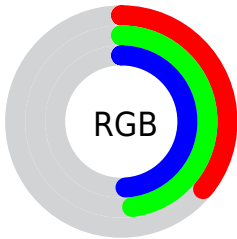
Format	Color
R_{YB}	93, 108, 126
Decimal	6126206
CIE _{Lab}	49.19, -9.38, -5.59
CIE _{LCh}	49, 10.921, 210.818
Yxy	17.7526, 0.2753, 0.3207
Android (android.graphics.Color)	4284316286 (0xFF5D7A7E)
YUV	113.7850, 6.0220, -18.2284
Hunter-Lab	42.1338, -9.1716, -1.9737

Details

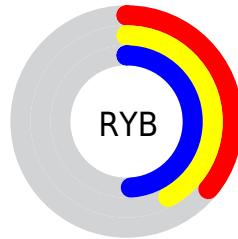
The XYZ color **15.2396, 17.7526, 22.3620** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.8548, 13.7753, 12.2322**, and the grayscale version is **15.9168, 16.7457, 18.2360**.

A 20% lighter version of the original color is **34.7743, 39.4561, 48.4308**, and **4.8043, 5.8588, 7.8988** is the 20% darker color. If you saturate the color by 10%, you get **13.8821, 16.7771, 22.2456**, and if you desaturate by 10%, it is **16.8113, 18.8438, 22.4901**.

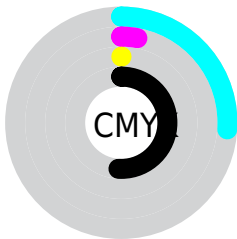
Distribution



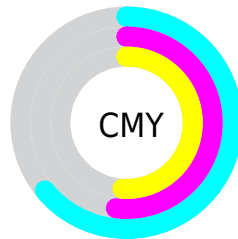
- Red (36%)
- Green (48%)
- Blue (49%)



- Red (36%)
- Yellow (42%)
- Blue (49%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (64%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2396, 17.7526, 22.3620 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 15.2396, 17.7526, 22.3620 by changing the saturation by 10% instead.

■ 15.2396, 17.7526,
22.3620

■ 15.2396, 17.7526,
22.3620

218.1716,
239.4729, 277.4459

■ 9.0751, 10.7725,
13.9223

■ 34.8412, 39.6153,
48.2534

■ 4.8477, 5.9141,
7.9285

■ 49.0090, 55.2667,
66.5422

■ 2.1920, 2.7929,
3.9621

■ 66.5753, 74.5774,
88.9511

■ 0.7385, 1.0246,
1.6046

■ 87.9055, 97.9316,
115.8986

■ 0.0000, 0.0000,
0.2941

113.3648,
125.7139, 147.8033

■ 0.0000, 0.0000,
0.0000

143.3187,

158.3086, 185.0837

178.1325,
196.1001, 228.1584

■ 15.2396, 17.7526,
22.3620

■ 15.2396, 17.7526,
22.3620

■ 13.8821, 16.7771,
22.2456

■ 16.8113, 18.8438,
22.4901

■ 12.7268, 15.9098,
22.1390

■ 18.6052, 20.0534,
22.6290

■ 11.7632, 15.1457,
22.0423

■ 20.6308, 21.3869,
22.7796

■ 10.9790, 14.4783,
21.9548

■ 22.8967, 22.8487,
22.9424

■ 10.3605, 13.9007,
21.8759

■ 25.4108, 24.4429,
23.1176

■ 9.8920, 13.4046,
21.8049

■ 28.1809, 26.1736,
23.3056

■ 9.5451, 12.9755,
21.7404

■ 31.2143, 28.0444,
23.5069

■ 9.4215, 12.8175,
21.7164

■ 34.5181, 30.0592,
23.7216

■ 38.0991, 32.2214,
23.9502

Harmonies

Analogous

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



14.9817, 17.7526, 19.4101



15.2396, 17.7526, 22.3620



15.9322, 17.7526, 24.6776

Triad

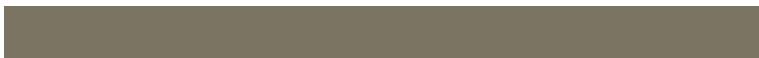
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.2396, 17.7526, 22.3620



18.6498, 17.7526, 22.2089



16.8452, 17.7526, 14.2256

Complementary

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



15.2396, 17.7526, 22.3620



14.8548, 13.7753, 12.2322

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.



17.8508, 17.7526, 14.8161



15.2396, 17.7526, 22.3620



18.9178, 17.7526, 19.2493

Square

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



15.2396, 17.7526, 22.3620



17.9014, 17.7526, 24.5830



18.6198, 17.7526, 16.5845



15.8854, 17.7526, 14.8835

Rectangle

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



15.2396, 17.7526, 22.3620



16.5613, 17.7526, 25.4419



18.6198, 17.7526, 16.5845



17.1892, 17.7526, 14.2841

Sweetspot

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



15.2401, 17.7533, 22.3624



32.0862, 34.8556, 39.7810



14.1260, 18.1094, 14.0238



7.2026, 7.8641, 9.0414



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.2401, 17.7533, 22.3624



25.4574, 30.2741, 39.2461



13.3984, 14.0699, 21.7485



4.4034, 4.8008, 5.5078



9.6634, 13.1454, 22.2779



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0318, 13.6698, 20.2068



27.0986, 21.9674, 34.7417



16.5245, 17.1147, 12.7887



4.4764, 4.4037, 5.3134



11.7546, 5.7215, 15.8295



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2396, 17.7526, 22.3620 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 15.2396, 17.7526, 22.3620 looks on a black 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

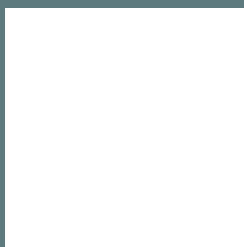
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2396, 17.7526, 22.3620

Background



This preview shows how black text looks on a background with the XYZ color 15.2396, 17.7526, 22.3620.



This preview shows how white text looks on a background with the XYZ color 15.2396, 17.7526,

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

15.2396, 17.7526, 22.3620

Protanopia

17.0944, 17.6778, 20.9235

Deuteranopia

17.9698, 17.5797, 22.8682



Tritanopia

15.5502, 17.6931, 24.0683

Trichromacy



Original Color

15.2396, 17.7526, 22.3620

Protanomaly

16.2379, 17.5751, 21.2754

Deuteranomaly

16.7582, 17.4678, 22.5670

Tritanomaly

15.4159, 17.6394, 23.3611

Monochromacy



Original Color

15.2396, 17.7526, 22.3620

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5752, 17.0948, 19.6183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2396, 17.7526, 22.3620 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(93, 122, 126) looks like.

```
.text, #text, p{  
    color:rgb(93, 122, 126)  
}
```

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(93, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 122, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.2396, 17.7526, 22.3620 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(93, 122, 126) }
```


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

```
.border{ border-color:rgb(93, 122, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(93, 122,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2396, 17.7526, 22.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 122, 126) }
```

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

```
.background{ background-color: rgb(93, 122,  
126) }
```

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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