

Converting Colors

XYZ(16.2449, 15.8391, 20.0549)

Have a look what the booklet for
XYZ(16.2449, 15.8391, 20.0549)
contains.

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Color

**XYZ(16.2556, 15.7934,
19.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	776B78
RGB	119, 107, 120
RGB Percent	47%, 42%, 47%
CMY	0.5333, 0.5804, 0.5294
CMYK	0.01, 0.11, 0.00, 0.53
HSL	295°, 6%, 45%
HSV	295°, 11%, 47%
XYZ	16.2556, 15.7934, 19.9610
YIQ	112.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

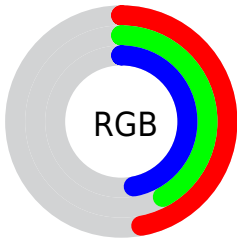
Format	Color
R_{YB}	119, 107, 120
Decimal	7826296
CIE _{Lab}	46.70, 7.27, -5.51
CIE _{LCh}	47, 9.122, 322.855
Yxy	15.7934, 0.3125, 0.3037
Android (android.graphics.Color)	4286016376 (0xFF776B78)
YUV	112.0700, 3.9095, 6.0776
Hunter-Lab	39.7409, 3.4669, -1.9614

Details

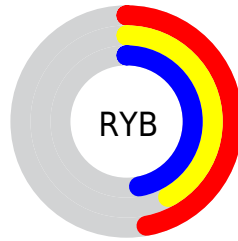
The XYZ color **16.2556, 15.7934, 19.9610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5553, 17.6831, 16.5041**, and the grayscale version is **15.4103, 16.2128, 17.6558**.

A 20% lighter version of the original color is **36.4678, 36.0902, 44.0738**, and **5.3841, 5.0392, 6.8198** is the 20% darker color. If you saturate the color by 10%, you get **14.9644, 13.3980, 19.5669**, and if you desaturate by 10%, it is **17.7226, 18.5381, 20.4137**.

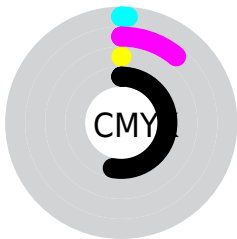
Distribution



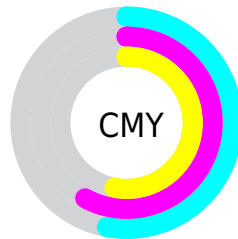
- Red (47%)
- Green (42%)
- Blue (47%)



- Red (47%)
- Yellow (42%)
- Blue (47%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2556, 15.7934, 19.9610 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 16.2556, 15.7934, 19.9610 by changing the saturation by 10% instead.

■ 16.2556, 15.7934,
19.9610

■ 16.2556, 15.7934,
19.9610

224.0861,
228.1195, 264.3012

■ 9.7972, 9.3781,
12.1829

■ 36.5952, 36.2392,
44.2099

■ 5.3259, 4.9886,
6.7443

■ 51.2072, 51.0384,
61.5178

■ 2.4765, 2.2406,
3.2267

■ 69.2677, 69.4011,
82.8393

■ 0.8834, 0.7420,
1.2115

■ 91.1421, 91.7115,
108.5931

■ 0.0000, 0.0000,
0.0000

117.1958,
118.3542, 139.1976

147.7942,

149.7135, 175.0715

183.3025,
186.1738, 216.6331

■ 16.2556, 15.7934,
19.9610

■ 16.2556, 15.7934,
19.9610

■ 14.9644, 13.3980,
19.5669

■ 17.7226, 18.5381,
20.4137

■ 13.8405, 11.3356,
19.2281

■ 19.3707, 21.6435,
20.9262

■ 12.8768, 9.5917,
18.9423

■ 21.2068, 25.1228,
21.5010

■ 12.0650, 8.1500,
18.7068

■ 23.2368, 28.9883,
22.1402

■ 11.3963, 6.9925,
18.5186

■ 25.4666, 33.2514,
22.8455

■ 10.8608, 6.0996,
18.3745

■ 27.9016, 37.9232,
23.6189

■ 10.4473, 5.4491,
18.2707

■ 30.5472, 43.0142,
24.4621

■ 10.1430, 5.0149,
18.2030

■ 33.4085, 48.5348,
25.3769

■ 9.9165, 4.7205,
18.1581

■ 36.4904, 54.4948,
26.3649

Harmonies

Analogous

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



15.6093, 15.7934, 21.5275



16.2556, 15.7934, 19.9610



16.5704, 15.7934, 17.7434

Triad

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



16.2556, 15.7934, 19.9610



15.2010, 15.7934, 13.2287



13.6537, 15.7934, 18.9431

Complementary

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



16.2556, 15.7934, 19.9610



15.5553, 17.6831, 16.5041

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.



13.5530, 15.7934, 16.6606



16.2556, 15.7934, 19.9610



14.4285, 15.7934, 13.4889

Square

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



16.2556, 15.7934, 19.9610



15.9478, 15.7934, 13.9547



13.8319, 15.7934, 14.6995



14.1119, 15.7934, 20.9048

Rectangle

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



16.2556, 15.7934, 19.9610



16.5423, 15.7934, 16.2459



13.8319, 15.7934, 14.6995



13.5775, 15.7934, 18.1831

Sweetspot

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



16.2561, 15.7941, 19.9613



30.5648, 31.4683, 35.7161



14.8256, 15.2254, 19.9270



7.1982, 7.3727, 8.4504



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.



16.2561, 15.7941, 19.9613



27.9979, 26.6743, 34.9261



16.0745, 15.7374, 18.2852



4.1255, 4.0626, 5.0099



10.8129, 5.1470, 19.8089



51.2544, 24.3846, 94.4751

Inverse Universe

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



15.7108, 15.5919, 16.3697



26.8403, 26.2457, 27.2748



15.7283, 17.7383, 18.0466



4.0097, 4.0196, 4.2486



8.5028, 4.3773, 0.6728



40.4293, 20.8280, 2.5247

Previews

White Background



This preview shows how the XYZ color 16.2556, 15.7934, 19.9610 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 16.2556, 15.7934, 19.9610 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 16.2556, 15.7934, 19.9610

Background



This preview shows how black text looks on a background with the XYZ color 16.2556, 15.7934, 19.9610.



This preview shows how white text looks on a background with the XYZ color 16.2556, 15.7934,

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

16.2556, 15.7934, 19.9610

Protanopia

15.3955, 15.8082, 20.6522

Deuteranopia

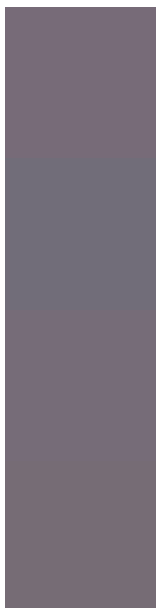
16.0888, 15.8631, 19.9832



Tritanopia

15.9862, 15.8376, 18.7374

Trichromacy



Original Color

16.2556, 15.7934, 19.9610

Protanomaly

15.7299, 15.8285, 20.3153

Deuteranomaly

16.2239, 15.9327, 19.9895

Tritanomaly

16.0447, 15.8610, 19.0455

Monochromacy



Original Color

16.2556, 15.7934, 19.9610

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7407, 16.0345, 18.4850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2556, 15.7934, 19.9610 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(119, 107, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 120)  
}
```

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(119, 107, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 120) }
```

Border

The CSS property to change the border of an element to XYZ 16.2556, 15.7934, 19.9610 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(119, 107, 120) }
```


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

```
.border{ border-color:rgb(119, 107, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2556, 15.7934, 19.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 120) }
```

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

```
.background{ background-color: rgb(119,  
107, 120) }
```

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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