

Converting Colors

XYZ(15.8754, 20.3721, 10.9794)

Have a look what the booklet for
XYZ(15.8754, 20.3721, 10.9794)
contains.

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Color

**XYZ(15.9739, 20.5101,
11.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8552
RGB	107, 133, 82
RGB Percent	42%, 52%, 32%
CMY	0.5804, 0.4784, 0.6784
CMYK	0.20, 0.00, 0.38, 0.48
HSL	91°, 24%, 42%
HSV	91°, 38%, 52%
XYZ	15.9739, 20.5101, 11.0996
YIQ	119.4120, 0.8750, -21.3730

Conversions

Conversions Part 2

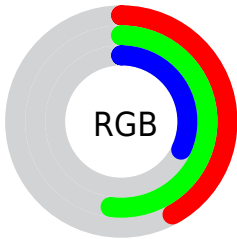
Format	Color
R_{YB}	82, 133, 108
Decimal	7046482
CIE _{Lab}	52.41, -18.94, 24.52
CIE _{LCh}	52, 30.982, 127.685
Yxy	20.5101, 0.3357, 0.4310
Android (android.graphics.Color)	4285236562 (0xFF6B8552)
YUV	119.4120, -18.4441, -10.8853
Hunter-Lab	45.2881, -16.2941, 17.1703

Details

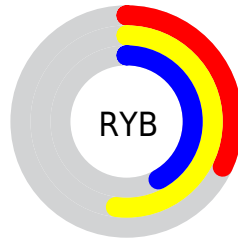
The XYZ color **15.9739, 20.5101, 11.0996** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.4363, 10.9169, 23.5905**, and the grayscale version is **17.7222, 18.6452, 20.3046**.

A 20% lighter version of the original color is **36.0218, 44.1547, 28.4539**, and **5.1566, 7.2134, 2.7896** is the 20% darker color. If you saturate the color by 10%, you get **14.7326, 19.9238, 8.6509**, and if you desaturate by 10%, it is **17.3783, 21.1705, 14.0690**.

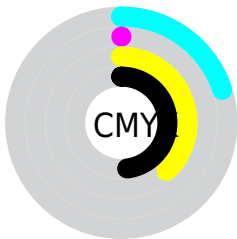
Distribution



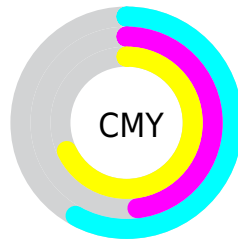
- Red (42%)
- Green (52%)
- Blue (32%)



- Red (32%)
- Yellow (52%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (38%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9739, 20.5101, 11.0996 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 15.9739, 20.5101, 11.0996 by changing the saturation by 10% instead.

■ 15.9739, 20.5101,
11.0996

■ 15.9739, 20.5101,
11.0996

222.4611,
254.6634, 209.1115

■ 9.5964, 12.7664,
6.0189

■ 36.1107, 44.2708,
28.4837

■ 5.1924, 7.2679,
2.7876

■ 50.6007, 61.0565,
41.6240

■ 2.3965, 3.6302,
0.9872

■ 68.5256, 81.6250,
58.2881

■ 0.8434, 1.4689,
0.0000

■ 90.2508, 106.3607,
78.8943

■ 0.0000, 0.2667,
0.0000

■ 116.1416,
135.6480, 103.8612

■ 0.0000, 0.0000,
0.0000

146.5633,

169.8713, 133.6073

181.8814,
209.4149, 168.5512

■ 15.9739, 20.5101,
11.0996

■ 15.9739, 20.5101,
11.0996

■ 14.7326, 19.9238,
8.6509

■ 17.3783, 21.1705,
14.0690

■ 13.6458, 19.4057,
6.6915

■ 18.9509, 21.9050,
17.5853

■ 12.7061, 18.9536,
5.1887


■ 20.6985, 22.7172,
21.6747


■ 11.9050, 18.5637,
4.1052


■ 22.6269, 23.6096,
26.3612


■ 11.2325, 18.2320,
3.3980

■ 24.7418, 24.5846,
31.6676


 10.6679, 17.9499,
2.9656

 27.0484, 25.6444,
37.6153

 10.5806, 17.9063,
2.8986

 29.5519, 26.7913,
44.2247

 32.2572, 28.0274,
51.5155

 35.1689, 29.3546,
59.5064

Harmonies

Analogous

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



18.6840, 20.5101, 9.0379



15.9739, 20.5101, 11.0996



14.3443, 20.5101, 16.2944

Triad

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



15.9739, 20.5101, 11.0996



17.2529, 20.5101, 42.8890



26.2399, 20.5101, 20.0603

Complementary

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



15.9739, 20.5101, 11.0996



13.4363, 10.9169, 23.5905

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.



25.7493, 20.5101, 29.7025



15.9739, 20.5101, 11.0996



20.3276, 20.5101, 44.7060

Square

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



15.9739, 20.5101, 11.0996



15.0245, 20.5101, 34.9102



23.4971, 20.5101, 39.3545



24.7727, 20.5101, 13.2089

Rectangle

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



15.9739, 20.5101, 11.0996



13.9765, 20.5101, 21.6288



23.4971, 20.5101, 39.3545



26.3011, 20.5101, 23.0503

Sweetspot

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



15.9744, 20.5110, 11.1000



35.7980, 40.0917, 35.8123



16.5067, 16.2165, 10.2431



7.9906, 8.9978, 7.8939



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.



15.9744, 20.5110, 11.1000



26.6550, 35.8071, 16.0108



13.3909, 19.1791, 10.9791



4.8175, 5.3085, 5.0001



10.0869, 17.0600, 2.7613



0.0433, 0.0634, 0.0100

Inverse Universe

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



13.4363, 10.9169, 23.5905



21.4321, 16.0668, 41.7100



16.9247, 12.7152, 23.7538



4.6440, 4.6526, 5.8540



6.3001, 2.7820, 21.3416



0.0302, 0.0140, 0.0743

Previews

White Background



This preview shows how the XYZ color 15.9739, 20.5101, 11.0996 looks on a white background.

Color Contrast Check

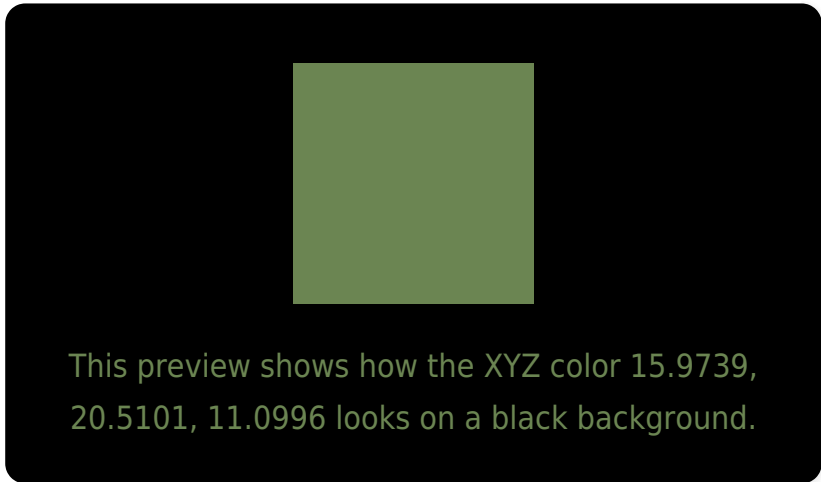
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

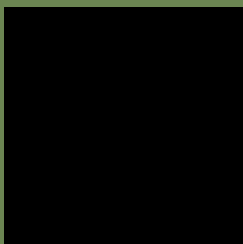
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

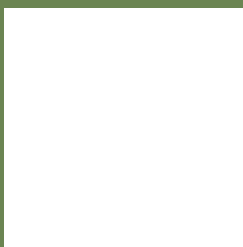
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9739, 20.5101, 11.0996

Background



This preview shows how black text looks on a background with the XYZ color 15.9739, 20.5101, 11.0996.



This preview shows how white text looks on a background with the XYZ color 15.9739, 20.5101,

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

15.9739, 20.5101, 11.0996

Protanopia

18.8982, 20.4660, 10.3514

Deuteranopia

20.6309, 20.2391, 11.4135



Tritanopia

18.9750, 20.3441, 26.2193

Trichromacy



Original Color

15.9739, 20.5101, 11.0996

Protanomaly

17.6246, 20.3775, 10.5938

Deuteranomaly

18.6394, 20.1237, 11.2894

Tritanomaly

17.6847, 20.4062, 19.5297

Monochromacy



Original Color

15.9739, 20.5101, 11.0996

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.8794, 19.1007, 16.4328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9739, 20.5101, 11.0996 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(107, 133, 82)` looks like.

```
.text, #text, p{  
    color:rgb(107, 133, 82)  
}
```

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(107, 133, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 133, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.9739, 20.5101, 11.0996 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(107, 133, 82) }
```


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

```
.border{ border-color:rgb(107, 133, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 133, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 133, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 133, 82);  
box-shadow:4px 4px 4px 4px rgb(107, 133,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9739, 20.5101, 11.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 133, 82) }
```

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

```
.background{ background-color: rgb(107,  
133, 82) }
```

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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