

Converting Colors

XYZ(19.5660, 26.7528, 15.1989)

Have a look what the booklet for
XYZ(19.5660, 26.7528, 15.1989)
contains.

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Color

**XYZ(19.5660, 26.7528,
15.1989)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9960
RGB	107, 153, 96
RGB Percent	42%, 60%, 38%
CMY	0.5804, 0.4000, 0.6235
CMYK	0.30, 0.00, 0.37, 0.40
HSL	108°, 23%, 49%
HSV	108°, 37%, 60%
XYZ	19.5660, 26.7528, 15.1989
YIQ	132.7480, -9.1190, -27.4790

Conversions

Conversions Part 2

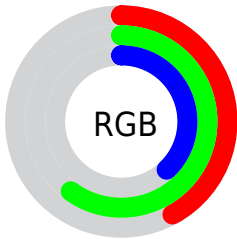
Format	Color
R_{YB}	96, 153, 142
Decimal	7051616
CIE Lab	58.74, -26.95, 25.12
CIE LCh	59, 36.842, 137.008
Yxy	26.7528, 0.3181, 0.4349
Android (android.graphics.Color)	4285241696 (0xFF6B9960)
YUV	132.7480, -18.1168, -22.5810
Hunter-Lab	51.7231, -22.9918, 18.7837

Details

The XYZ color **19.5660, 26.7528, 15.1989** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.0891, 16.4172, 32.1957**, and the grayscale version is **22.2694, 23.4292, 25.5144**.

A 20% lighter version of the original color is **42.3195, 54.6919, 35.9299**, and **6.9931, 10.5944, 4.5821** is the 20% darker color. If you saturate the color by 10%, you get **17.5491, 25.7875, 11.7785**, and if you desaturate by 10%, it is **21.9334, 27.8846, 19.3525**.

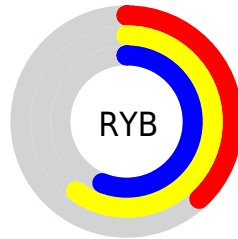
Distribution



Red (42%)

Green (60%)

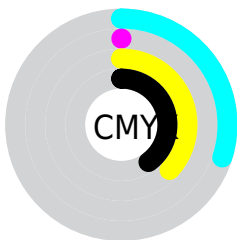
Blue (38%)



Red (38%)

Yellow (60%)

Blue (56%)

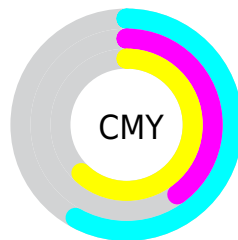


Cyan (30%)

Magenta (0%)

Yellow (37%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5660, 26.7528, 15.1989 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 19.5660, 26.7528, 15.1989 by changing the saturation by 10% instead.

■ 19.5660, 26.7528,
15.1989

■ 19.5660, 26.7528,
15.1989

242.4344,
286.4582, 236.2491

■ 12.1864, 17.3877,
8.8109

■ 42.1979, 54.4869,
35.9490

■ 6.9438, 10.5113,
4.5229

■ 58.1808, 73.6247,
51.1481

■ 3.4730, 5.7392,
1.9164

■ 77.7623, 96.7888,
70.1214

■ 1.4086, 2.6872,
0.5031

■ 101.3076,
124.3637, 93.2874

■ 0.2623, 0.9707,
0.0000

129.1821,
156.7336, 121.0647

■ 0.0000, 0.0000,
0.0000

161.7512,

194.2831, 153.8716

199.3802,
237.3965, 192.1269

■ 19.5660, 26.7528,
15.1989

■ 19.5660, 26.7528,
15.1989

■ 17.5491, 25.7875,
11.7785

■ 21.9334, 27.8846,
19.3525

■ 15.8638, 24.9774,
9.0472

■ 24.6650, 29.1866,
24.2766

■ 14.4924, 24.3152,
6.9585


■ 27.7763, 30.6669,
30.0082


■ 13.4145, 23.7916,
5.4598


■ 31.2813, 32.3319,
36.5812

■ 12.6074, 23.3961,
4.4901


■ 35.1932, 34.1878,
44.0277


 12.0392, 23.1146,
3.9476

 39.5245, 36.2403,
52.3779

 11.9134, 23.0524,
3.8217

 44.2874, 38.4952,
61.6610

 49.4934, 40.9576,
71.9044

 55.1536, 43.6329,
83.1346

Harmonies

Analogous

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



22.9606, 26.7528, 11.1752



19.5660, 26.7528, 15.1989



17.8398, 26.7528, 23.8660

Triad

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



19.5660, 26.7528, 15.1989



23.5166, 26.7528, 60.8829



34.7148, 26.7528, 22.4158

Complementary

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



19.5660, 26.7528, 15.1989



21.0891, 16.4172, 32.1957

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.



34.9099, 26.7528, 35.1144



19.5660, 26.7528, 15.1989



28.0656, 26.7528, 60.1452

Square

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



19.5660, 26.7528, 15.1989



19.9312, 26.7528, 51.4901



32.3568, 26.7528, 49.7014



31.8519, 26.7528, 14.4106

Rectangle

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



19.5660, 26.7528, 15.1989



17.7152, 26.7528, 32.2848



32.3568, 26.7528, 49.7014



35.1056, 26.7528, 26.1863

Sweetspot

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



19.5667, 26.7539, 15.1995



47.4514, 53.8292, 49.4951



24.8629, 26.8452, 14.9380



10.3268, 11.8142, 10.6507



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.5667, 26.7539, 15.1995



31.8848, 46.3999, 21.8553



19.2022, 26.4650, 19.7491



6.2379, 6.9801, 6.6244



9.8683, 19.0632, 3.1595



0.1715, 0.2974, 0.0484

Inverse Universe

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



21.0891, 16.4172, 32.1957



35.0119, 25.0406, 56.9600



21.7575, 16.9135, 25.3742



6.3444, 6.2634, 7.8035



11.5862, 5.4239, 25.3440



0.1998, 0.0948, 0.3801

Previews

White Background



This preview shows how the XYZ color 19.5660, 26.7528, 15.1989 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



This preview shows how the XYZ color 19.5660, 26.7528, 15.1989 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 19.5660, 26.7528, 15.1989

Background



This preview shows how black text looks on a background with the XYZ color 19.5660, 26.7528, 15.1989.



This preview shows how white text looks on a background with the XYZ color 19.5660, 26.7528,

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

19.5660, 26.7528, 15.1989

Protanopia

24.5501, 26.5774, 13.7336

Deuteranopia

26.9006, 26.4635, 15.7468



Tritanopia

23.7008, 26.7740, 35.8170

Trichromacy



Original Color

19.5660, 26.7528, 15.1989

Protanomaly

22.2545, 26.2754, 14.2546

Deuteranomaly

23.6022, 26.2666, 15.6304

Tritanomaly

21.9307, 26.7549, 26.9300

Monochromacy



Original Color

19.5660, 26.7528, 15.1989

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.0804, 24.3973, 21.3674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5660, 26.7528, 15.1989 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, 153, 96)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 96)  
}
```

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, 153, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 96) }
```

Border

The CSS property to change the border of an element to XYZ 19.5660, 26.7528, 15.1989 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, 153, 96) }
```


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

```
.border{ border-color:rgb(107, 153, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 96);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5660, 26.7528, 15.1989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 96) }
```

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

```
.background{ background-color: rgb(107,  
153, 96) }
```

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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