

Converting Colors

XYZ(18.7965, 26.6406, 13.3840)

Have a look what the booklet for
XYZ(18.7965, 26.6406, 13.3840)
contains.

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Color

**XYZ(18.7965, 26.6406,
13.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	669A58
RGB	102, 154, 88
RGB Percent	40%, 60%, 35%
CMY	0.6000, 0.3961, 0.6549
CMYK	0.34, 0.00, 0.43, 0.40
HSL	107°, 27%, 47%
HSV	107°, 43%, 60%
XYZ	18.7965, 26.6406, 13.3840
YIQ	130.9280, -9.8060, -31.5500

Conversions

Conversions Part 2

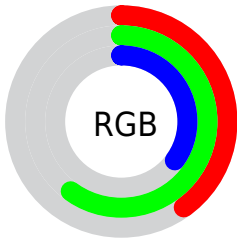
Format	Color
R_{YB}	88, 154, 140
Decimal	6724184
CIE _{Lab}	58.64, -30.42, 29.25
CIE _{LCh}	59, 42.199, 136.125
Yxy	26.6406, 0.3196, 0.4529
Android (android.graphics.Color)	4284914264 (0xFF669A58)
YUV	130.9280, -21.1635, -25.3699
Hunter-Lab	51.6145, -25.3210, 20.7559

Details

The XYZ color **18.7965, 26.6406, 13.3840** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.1391, 14.8889, 32.3858**, and the grayscale version is **21.6239, 22.7500, 24.7748**.

A 20% lighter version of the original color is **40.9782, 54.4336, 32.7730**, and **6.5169, 10.3666, 3.7553** is the 20% darker color. If you saturate the color by 10%, you get **16.9490, 25.7551, 10.3122**, and if you desaturate by 10%, it is **20.9815, 27.6861, 17.1762**.

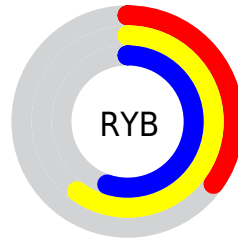
Distribution



Red (40%)

Green (60%)

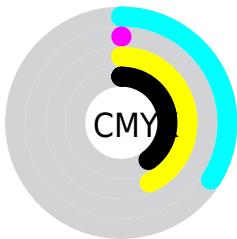
Blue (35%)



Red (35%)

Yellow (60%)

Blue (55%)

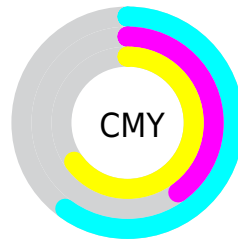


Cyan (34%)

Magenta (0%)

Yellow (43%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7965, 26.6406, 13.3840 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 18.7965, 26.6406, 13.3840 by changing the saturation by 10% instead.

■ 18.7965, 26.6406,
13.3840

■ 18.7965, 26.6406,
13.3840

238.2827,
285.9127, 224.6578

■ 11.6265, 17.3035,
7.5597

■ 40.9095, 54.3066,
32.6932

■ 6.5602, 10.4511,
3.7308

■ 56.5831, 73.4043,
47.0151

■ 3.2325, 5.6991,
1.4789

■ 75.8220, 96.5243,
65.0067

■ 1.2779, 2.6630,
0.2021

■ 98.9916, 124.0510,
87.0864

■ 0.1666, 0.9584,
0.0000

■ 126.4570,
156.3688, 113.6729

■ 0.0000, 0.0000,
0.0000

158.5838,

193.8621, 145.1846

195.7373,
236.9153, 182.0400

■ 18.7965, 26.6406,
13.3840

■ 18.7965, 26.6406,
13.3840

■ 16.9490, 25.7551,
10.3122

■ 20.9815, 27.6861,
17.1762

■ 15.4196, 25.0182,
7.9136

■ 23.5179, 28.8956,
21.7285

■ 14.1903, 24.4224,
6.1379


■ 26.4214, 30.2769,
27.0800


■ 13.2398, 23.9582,
4.9275


■ 29.7059, 31.8367,
33.2664

■ 12.5442, 23.6147,
4.2136


■ 33.3850, 33.5809,
40.3212

 12.1726, 23.4301,
3.8809

 37.4711, 35.5155,
48.2764

 41.9764, 37.6461,
57.1619

 46.9124, 39.9779,
67.0066

 52.2903, 42.5162,
77.8380

Harmonies

Analogous

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



22.6535, 26.6406, 9.3231



18.7965, 26.6406, 13.3840



16.8276, 26.6406, 22.6881

Triad

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



18.7965, 26.6406, 13.3840



23.0061, 26.6406, 66.4641



36.1494, 26.6406, 21.7819

Complementary

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



18.7965, 26.6406, 13.3840



20.1391, 14.8889, 32.3858

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.



36.2780, 26.6406, 36.4023



18.7965, 26.6406, 13.3840



28.1903, 26.6406, 65.9614

Square

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



18.7965, 26.6406, 13.3840



19.0242, 26.6406, 54.8217



33.2038, 26.6406, 53.6198



32.8736, 26.6406, 12.9166

Rectangle

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



18.7965, 26.6406, 13.3840



16.6502, 26.6406, 32.1593



33.2038, 26.6406, 53.6198



36.5760, 26.6406, 26.0679

Sweetspot

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



18.7972, 26.6417, 13.3846



47.7681, 54.8903, 48.7695



24.4234, 26.2445, 13.0114



10.5516, 12.3003, 10.5547



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.7972, 26.6417, 13.3846



31.0452, 46.9076, 19.1498



18.2191, 26.2424, 17.9330



6.2486, 6.9856, 6.6249



9.9427, 19.1015, 3.1629



0.1746, 0.2989, 0.0485

Inverse Universe

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



20.1391, 14.8889, 32.3858



33.7736, 22.7698, 58.1512



21.2115, 15.6079, 24.9284



6.3330, 6.2575, 7.8030



11.2456, 5.2483, 25.3280



0.1968, 0.0932, 0.3800

Previews

White Background



This preview shows how the XYZ color 18.7965, 26.6406, 13.3840 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 18.7965, 26.6406, 13.3840 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

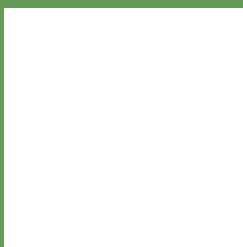
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7965, 26.6406, 13.3840

Background



This preview shows how black text looks on a background with the XYZ color 18.7965, 26.6406, 13.3840.



This preview shows how white text looks on a background with the XYZ color 18.7965, 26.6406,

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

18.7965, 26.6406, 13.3840

Protanopia

24.4126, 26.5443, 12.0205

Deuteranopia

26.8631, 26.2755, 14.0118



Tritanopia

23.3899, 26.6038, 36.2500

Trichromacy



Original Color

18.7965, 26.6406, 13.3840

Protanomaly

21.9103, 26.3645, 12.5284

Deuteranomaly

23.0903, 25.8248, 13.6652

Tritanomaly

21.4115, 26.5033, 26.1775

Monochromacy



Original Color

18.7965, 26.6406, 13.3840

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.0729, 23.6961, 19.7355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7965, 26.6406, 13.3840 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(102, 154, 88)` looks like.

```
.text, #text, p{  
    color:rgb(102, 154, 88)  
}
```

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(102, 154, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 154, 88) }
```

Border

The CSS property to change the border of an element to XYZ 18.7965, 26.6406, 13.3840 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(102, 154, 88) }
```


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

```
.border{ border-color:rgb(102, 154, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 154, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 154, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 154, 88);  
box-shadow:4px 4px 4px 4px rgb(102, 154,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7965, 26.6406, 13.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 154, 88) }
```

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

```
.background{ background-color: rgb(102,  
154, 88) }
```

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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