

Converting Colors

XYZ(19.9091, 28.5868, 19.7977)

Have a look what the booklet for
XYZ(19.9091, 28.5868, 19.7977)
contains.

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Color

**XYZ(19.9091, 28.5868,
19.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA070
RGB	92, 160, 112
RGB Percent	36%, 63%, 44%
CMY	0.6392, 0.3725, 0.5608
CMYK	0.43, 0.00, 0.30, 0.37
HSL	138°, 27%, 49%
HSV	138°, 43%, 63%
XYZ	19.9091, 28.5868, 19.7977
YIQ	134.1960, -25.1200, -29.3440

Conversions

Conversions Part 2

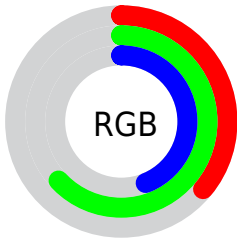
Format	Color
R_{YB}	92, 145, 160
Decimal	6070384
CIE _{Lab}	60.42, -32.43, 18.45
CIE _{LCh}	60, 37.311, 150.371
Yxy	28.5868, 0.2915, 0.4186
Android (android.graphics.Color)	4284260464 (0xFF5CA070)
YUV	134.1960, -10.9426, -37.0059
Hunter-Lab	53.4666, -27.0994, 15.4726

Details

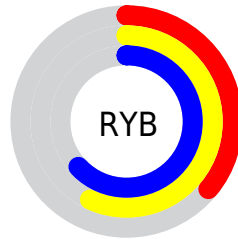
The XYZ color **19.9091, 28.5868, 19.7977** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.0590, 17.0220, 26.8824**, and the grayscale version is **22.7783, 23.9646, 26.0974**.

A 20% lighter version of the original color is **42.6783, 57.3010, 43.9328**, and **7.1247, 11.5266, 6.6998** is the 20% darker color. If you saturate the color by 10%, you get **17.8866, 27.6131, 16.6239**, and if you desaturate by 10%, it is **22.3496, 29.7685, 23.4041**.

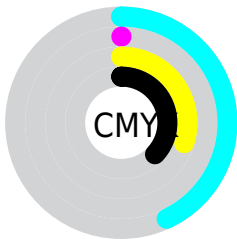
Distribution



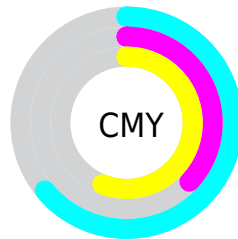
- Red (36%)
- Green (63%)
- Blue (44%)



- Red (36%)
- Yellow (57%)
- Blue (63%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9091, 28.5868, 19.7977 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 19.9091, 28.5868, 19.7977 by changing the saturation by 10% instead.

■ 19.9091, 28.5868,
19.7977

■ 19.9091, 28.5868,
19.7977

244.2655,
295.2603, 263.3857

■ 12.4369, 18.7685,
12.0655

■ 42.7698, 57.4199,
43.9323

■ 7.1162, 11.5031,
6.6652

■ 58.8891, 77.2035,
61.1717

■ 3.5819, 6.4063,
3.1784

■ 78.6213, 101.0777,
82.4172

■ 1.4684, 3.0937,
1.1864

■ 102.3319,
129.4268, 108.0874

■ 0.3042, 1.1808,
0.0000

130.3863,
162.6352, 138.6008

■ 0.0000, 0.0460,
0.0000

163.1498,

■ 0.0000, 0.0000,

201.0873, 174.3760

0.0000

200.9878,
245.1676, 215.8314

■ 19.9091, 28.5868,
19.7977

■ 19.9091, 28.5868,
19.7977

■ 17.8866, 27.6131,
16.6239

■ 22.3496, 29.7685,
23.4041

■ 16.2554, 26.8316,
13.8646

■ 25.2282, 31.1657,
27.4567

■ 14.9895, 26.2299,
11.5028


■ 28.5663, 32.7901,
31.9707


■ 14.0581, 25.7927,
9.5201

■ 32.3833, 34.6514,
36.9602


■ 13.4253, 25.5018,
7.8961


■ 36.6974, 36.7586,
42.4386

 13.0856, 25.3484,
6.8986

 41.5258, 39.1204,
48.4187

 46.8851, 41.7450,
54.9129

 52.7908, 44.6402,
61.9331

 59.2580, 47.8136,
69.4910

Harmonies

Analogous

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



22.7647, 28.5868, 13.4315



19.9091, 28.5868, 19.7977



18.9440, 28.5868, 31.2978

Triad

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



19.9091, 28.5868, 19.7977



27.2307, 28.5868, 65.7648



35.9412, 28.5868, 19.5791

Complementary

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



19.9091, 28.5868, 19.7977



23.0590, 17.0220, 26.8824

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.



37.4896, 28.5868, 30.9552



19.9091, 28.5868, 19.7977



32.1118, 28.5868, 59.9695

Square

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



19.9091, 28.5868, 19.7977



22.8569, 28.5868, 60.2351



36.0133, 28.5868, 46.1153



31.9962, 28.5868, 13.3339

Rectangle

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



19.9091, 28.5868, 19.7977



19.4016, 28.5868, 41.2685



36.0133, 28.5868, 46.1153



36.7786, 28.5868, 22.7987

Sweetspot

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



19.9098, 28.5880, 19.7983



51.3814, 59.2988, 57.4024



25.4429, 31.5550, 14.8753



10.9779, 12.8635, 12.2004



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.9098, 28.5880, 19.7983



32.6474, 50.2180, 30.4620



22.1168, 29.4708, 31.4199



6.6270, 7.4316, 7.4705



10.2104, 19.7521, 5.4648



0.1997, 0.3600, 0.1882

Inverse Universe

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



23.0590, 17.0220, 26.8824



39.1288, 26.3669, 45.0075



20.9650, 16.1844, 15.8559



6.8209, 6.7213, 7.9082



13.6323, 6.7575, 12.8467



0.2612, 0.1278, 0.3215

Previews

White Background



This preview shows how the XYZ color 19.9091, 28.5868, 19.7977 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 19.9091, 28.5868, 19.7977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

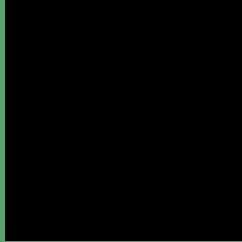
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.9091, 28.5868, 19.7977

Background



This preview shows how black text looks on a background with the XYZ color 19.9091, 28.5868, 19.7977.



This preview shows how white text looks on a background with the XYZ color 19.9091, 28.5868,

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

19.9091, 28.5868, 19.7977

Protanopia

26.3855, 28.3386, 17.4438

Deuteranopia

28.8057, 28.1846, 20.7516



Tritanopia

23.8917, 28.4421, 39.8280

Trichromacy



Original Color

19.9091, 28.5868, 19.7977

Protanomaly

23.2860, 27.8819, 18.3418

Deuteranomaly

24.5127, 27.7680, 20.2874

Tritanomaly

22.3323, 28.5616, 31.5300

Monochromacy



Original Color

19.9091, 28.5868, 19.7977

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.1961, 25.0732, 23.4611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9091, 28.5868, 19.7977 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(92, 160, 112)` looks like.

```
.text, #text, p{  
    color:rgb(92, 160, 112)  
}
```

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(92, 160, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 160, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.9091, 28.5868, 19.7977 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(92, 160, 112) }
```


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

```
.border{ border-color:rgb(92, 160, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 160, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 160, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 160, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 160,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9091, 28.5868, 19.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 160, 112) }
```

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

```
.background{ background-color: rgb(92, 160,  
112) }
```

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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