

Converting Colors

XYZ(19.5568, 29.0285, 15.1620)

Have a look what the booklet for
XYZ(19.5568, 29.0285, 15.1620)
contains.

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Color

**XYZ(19.5568, 29.0285,
15.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA25E
RGB	94, 162, 94
RGB Percent	37%, 64%, 37%
CMY	0.6314, 0.3647, 0.6314
CMYK	0.42, 0.00, 0.42, 0.36
HSL	120°, 27%, 50%
HSV	120°, 42%, 64%
XYZ	19.5568, 29.0285, 15.1620
YIQ	133.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

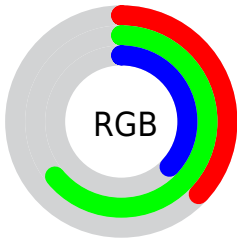
Format	Color
R_{YB}	94, 162, 162
Decimal	6201950
CIE _{Lab}	60.81, -35.88, 28.76
CIE _{LCh}	61, 45.986, 141.286
Yxy	29.0285, 0.3068, 0.4554
Android (android.graphics.Color)	4284392030 (0xFF5EA25E)
YUV	133.9160, -19.6786, -35.0063
Hunter-Lab	53.8781, -29.4943, 21.0297

Details

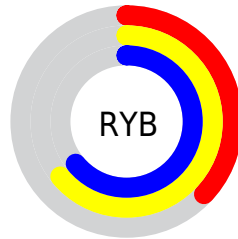
The XYZ color **19.5568, 29.0285, 15.1620** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.4255, 18.2959, 36.3747**, and the grayscale version is **22.7047, 23.8871, 26.0130**.

A 20% lighter version of the original color is **42.1364, 57.9659, 35.7558**, and **6.9835, 11.8205, 4.4983** is the 20% darker color. If you saturate the color by 10%, you get **17.4145, 28.0003, 11.6573**, and if you desaturate by 10%, it is **22.2018, 30.2999, 19.4879**.

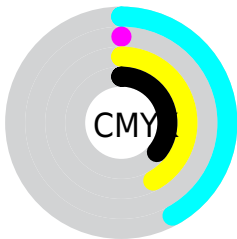
Distribution



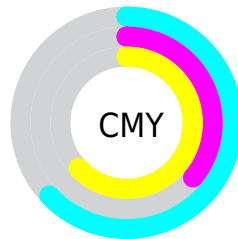
- Red (37%)
- Green (64%)
- Blue (37%)



- Red (37%)
- Yellow (64%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5568, 29.0285, 15.1620 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 19.5568, 29.0285, 15.1620 by changing the saturation by 10% instead.

■ 19.5568, 29.0285,
15.1620

■ 19.5568, 29.0285,
15.1620

242.3852,
297.3494, 236.0191

■ 12.1797, 19.1024,
8.7853

■ 42.1825, 58.1224,
35.8834

■ 6.9392, 11.7443,
4.5065

■ 58.1618, 78.0589,
51.0652

■ 3.4701, 6.5698,
1.9071

■ 77.7392, 102.1010,
70.0191

■ 1.4070, 3.1945,
0.4973

■ 101.2801,
130.6331, 93.1637

■ 0.2612, 1.2341,
0.0000

129.1497,
164.0396, 120.9174

■ 0.0000, 0.0893,
0.0000

161.7136,

■ 0.0000, 0.0000,

202.7049, 153.6989

0.0000

199.3369,
247.0134, 191.9266

■ 19.5568, 29.0285,
15.1620

■ 19.5568, 29.0285,
15.1620

■ 17.4145, 28.0003,
11.6573

■ 22.2018, 30.2999,
19.4879

■ 15.7411, 27.1965,
8.9202

■ 25.3763, 31.8248,
24.6802

■ 14.5022, 26.6014,
6.8936


■ 29.1076, 33.6171,
30.7834


■ 13.6575, 26.1957,
5.5120


■ 33.4206, 35.6888,
37.8380

■ 13.1595, 25.9564,
4.6974


■ 38.3387, 38.0513,
45.8824

 12.9209, 25.8418,
4.3071

 43.8840, 40.7150,
54.9526

 50.0774, 43.6900,
65.0831

 56.9391, 46.9860,
76.3065

 64.4882, 50.6122,
88.6541

Harmonies

Analogous

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



23.6239, 29.0285, 9.7826



19.5568, 29.0285, 15.1620



17.7150, 29.0285, 26.8763

Triad

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



19.5568, 29.0285, 15.1620



25.8852, 29.0285, 76.6048



39.7501, 29.0285, 21.0973

Complementary

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



19.5568, 29.0285, 15.1620



25.4255, 18.2959, 36.3747

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.



40.5871, 29.0285, 36.8629



19.5568, 29.0285, 15.1620



31.9785, 29.0285, 73.2867

Square

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



19.5568, 29.0285, 15.1620



21.0065, 29.0285, 64.8901



37.5693, 29.0285, 56.9978



35.4244, 29.0285, 12.2474

Rectangle

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



19.5568, 29.0285, 15.1620



17.7818, 29.0285, 38.4990



37.5693, 29.0285, 56.9978



40.4714, 29.0285, 25.5911

Sweetspot

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



19.5575, 29.0297, 15.1626



51.9217, 60.5857, 54.3799



29.8423, 34.3317, 15.6436



11.3250, 13.4457, 11.6633



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.5575, 29.0297, 15.1626



31.9717, 51.0026, 21.7480



21.4335, 29.7801, 25.0412



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3931



0.2139, 0.4278, 0.0713

Inverse Universe

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



25.4255, 18.2959, 36.3747



44.0259, 28.9528, 65.3227



22.8001, 17.2458, 22.5498



7.3643, 7.2022, 8.9051



16.8765, 8.1066, 27.6038



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 19.5568, 29.0285, 15.1620 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 19.5568, 29.0285, 15.1620 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 19.5568, 29.0285, 15.1620

Background



This preview shows how black text looks on a background with the XYZ color 19.5568, 29.0285, 15.1620.



This preview shows how white text looks on a background with the XYZ color 19.5568, 29.0285,

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

19.5568, 29.0285, 15.1620

Protanopia

26.5375, 28.7359, 13.3804

Deuteranopia

29.3094, 28.7710, 15.8130



Tritanopia

24.6229, 29.0525, 40.3863

Trichromacy



Original Color

19.5568, 29.0285, 15.1620

Protanomaly

23.2270, 28.4289, 13.9360

Deuteranomaly

24.6016, 28.1539, 15.4469

Tritanomaly

22.3841, 28.8910, 29.2077

Monochromacy



Original Color

19.5568, 29.0285, 15.1620

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

20.9108, 25.2004, 21.2148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5568, 29.0285, 15.1620 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(94, 162, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 162, 94)  
}
```

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(94, 162, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 162, 94) }
```

Border

The CSS property to change the border of an element to XYZ 19.5568, 29.0285, 15.1620 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(94, 162, 94) }
```


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

```
.border{ border-color:rgb(94, 162, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 162, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 162, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 162, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 162,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5568, 29.0285, 15.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 162, 94) }
```

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

```
.background{ background-color: rgb(94, 162,  
94) }
```

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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