

Converting Colors

XYZ(19.6826, 25.4273, 9.1351)

Have a look what the booklet for
XYZ(19.6826, 25.4273, 9.1351)
contains.

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Color

**XYZ(19.7590, 25.5578,
9.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9343
RGB	124, 147, 67
RGB Percent	49%, 58%, 26%
CMY	0.5137, 0.4235, 0.7372
CMYK	0.16, 0.00, 0.54, 0.42
HSL	77°, 37%, 42%
HSV	77°, 54%, 58%
XYZ	19.7590, 25.5578, 9.2019
YIQ	131.0030, 11.9720, -29.7560

Conversions

Conversions Part 2

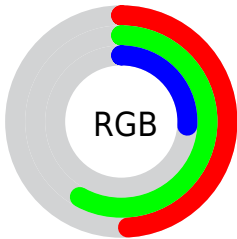
Format	Color
RYB	67, 147, 90
Decimal	8164163
CIELab	57.61, -21.11, 39.15
CIELCh	58, 44.482, 118.331
Yxy	25.5578, 0.3624, 0.4688
Android (android.graphics.Color)	4286354243 (0xFF7C9343)
YUV	131.0030, -31.5535, -6.1416
Hunter-Lab	50.5547, -18.7051, 24.5964

Details

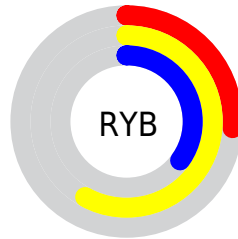
The XYZ color **19.7590, 25.5578, 9.2019** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.4911, 8.2952, 28.6008**, and the grayscale version is **21.6812, 22.8103, 24.8404**.

A 20% lighter version of the original color is **42.4576, 52.5226, 24.7297**, and **7.0317, 9.8227, 2.0557** is the 20% darker color. If you saturate the color by 10%, you get **18.7752, 25.0961, 7.1390**, and if you desaturate by 10%, it is **20.8822, 26.0801, 11.8568**.

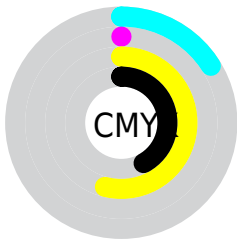
Distribution



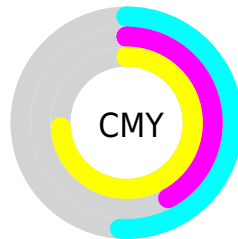
- Red (49%)
- Green (58%)
- Blue (26%)



- Red (26%)
- Yellow (58%)
- Blue (35%)



- Cyan (16%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7590, 25.5578, 9.2019 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 19.7590, 25.5578, 9.2019 by changing the saturation by 10% instead.

■ 19.7590, 25.5578,
9.2019

■ 19.7590, 25.5578,
9.2019

243.4659,
280.6045, 195.1502

■ 12.3272, 16.4931,
4.7745

■ 42.5198, 52.5607,
24.8670

■ 7.0407, 9.8738,
2.0592

■ 58.5795, 71.2677,
36.9418

■ 3.5341, 5.3153,
0.5913

■ 78.2459, 93.9576,
52.4029

■ 1.4421, 2.4334,
0.0000

■ 101.8844,
121.0148, 71.6687

■ 0.2859, 0.8430,
0.0000

■ 129.8603,
152.8237, 95.1577

■ 0.0000, 0.0000,
0.0000

162.5389,

189.7687, 123.2887

200.2857,
232.2342, 156.4800

■ 19.7590, 25.5578,
9.2019

■ 19.7590, 25.5578,
9.2019

■ 18.7752, 25.0961,
7.1390

■ 20.8822, 26.0801,
11.8568

■ 17.9200, 24.6879,
5.6209

■ 22.1511, 26.6628,
15.1428

■ 17.1837, 24.3303,
4.5960

■ 23.5735, 27.3100,
19.0976

■ 16.5536, 24.0181,
3.9990

■ 25.1564, 28.0245,
23.7557

■ 16.2287, 23.8558,
3.7493

■ 26.9060, 28.8090,
29.1488

■ 28.8284, 29.6657,
35.3070

■ 30.9293, 30.5970,
42.2586

■ 33.2140, 31.6052,
50.0305

■ 35.6876, 32.6922,
58.6483

Harmonies

Analogous

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



24.5907, 25.5578, 7.6310



19.7590, 25.5578, 9.2019



16.5930, 25.5578, 15.1201

Triad

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



19.7590, 25.5578, 9.2019



19.3133, 25.5578, 60.8965



36.0017, 25.5578, 28.6889

Complementary

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



19.7590, 25.5578, 9.2019



11.4911, 8.2952, 28.6008

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.



34.0657, 25.5578, 46.1890



19.7590, 25.5578, 9.2019



23.9956, 25.5578, 68.5165

Square

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



19.7590, 25.5578, 9.2019



16.3633, 25.5578, 44.1508



29.4699, 25.5578, 62.3441



34.4398, 25.5578, 16.1242

Rectangle

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



19.7590, 25.5578, 9.2019



15.5975, 25.5578, 22.3199



29.4699, 25.5578, 62.3441



35.7336, 25.5578, 34.1752

Sweetspot

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



19.7596, 25.5589, 9.2024



44.4857, 49.9317, 40.8498



16.6748, 13.8653, 7.1079



10.0326, 11.3431, 8.9607



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.7596, 25.5589, 9.2024



33.3112, 44.7938, 12.1908



15.1338, 23.1742, 8.9860



6.1046, 6.6618, 6.2046



14.0938, 20.6935, 3.2514



0.2017, 0.2683, 0.0412

Inverse Universe

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



11.4911, 8.2952, 28.6008



16.9922, 10.6443, 50.5936



16.4294, 10.8410, 28.8319



5.6468, 5.7089, 7.2740



5.4252, 2.2693, 24.0831



0.0926, 0.0413, 0.2960

Previews

White Background



This preview shows how the XYZ color 19.7590, 25.5578, 9.2019 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 19.7590, 25.5578, 9.2019 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 19.7590, 25.5578, 9.2019

Background



This preview shows how black text looks on a background with the XYZ color 19.7590, 25.5578, 9.2019.



This preview shows how white text looks on a background with the XYZ color 19.7590, 25.5578,

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

19.7590, 25.5578, 9.2019

Protanopia

23.1508, 25.3194, 8.5175

Deuteranopia

25.9662, 25.5035, 9.5153



Tritanopia

24.3448, 25.4152, 32.0563

Trichromacy



Original Color

19.7590, 25.5578, 9.2019

Protanomaly

21.6343, 25.1822, 8.7214

Deuteranomaly

23.1880, 25.1058, 9.4181

Tritanomaly

22.0606, 25.1275, 21.1401

Monochromacy



Original Color

19.7590, 25.5578, 9.2019

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5545, 23.5632, 17.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7590, 25.5578, 9.2019 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(124, 147, 67)` looks like.

```
.text, #text, p{  
    color:rgb(124, 147, 67)  
}
```

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(124, 147, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 147, 67) }
```

Border

The CSS property to change the border of an element to XYZ 19.7590, 25.5578, 9.2019 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(124, 147, 67) }
```


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

```
.border{ border-color:rgb(124, 147, 67) }
```

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

Here you see how a box with a 4 pixel rgb(124, 147, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 147, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 147, 67);  
box-shadow:4px 4px 4px 4px rgb(124, 147,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7590, 25.5578, 9.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 147, 67) }
```

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

```
.background{ background-color: rgb(124,  
147, 67) }
```

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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