

Converting Colors

XYZ(20.3565, 29.3671, 19.0454)

Have a look what the booklet for
XYZ(20.3565, 29.3671, 19.0454)
contains.

XYZ(20.4000, 29.3777, 19.0633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.4000, 29.3777,
19.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA26D
RGB	95, 162, 109
RGB Percent	37%, 64%, 43%
CMY	0.6274, 0.3647, 0.5725
CMYK	0.41, 0.00, 0.33, 0.36
HSL	133°, 26%, 50%
HSV	133°, 41%, 64%
XYZ	20.4000, 29.3777, 19.0633
YIQ	135.9250, -22.9190, -30.6870

Conversions

Conversions Part 2

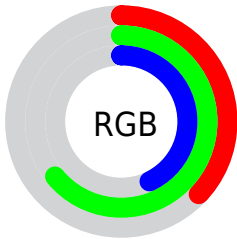
Format	Color
RYB	95, 150, 162
Decimal	6267501
CIELab	61.11, -33.02, 21.07
CIElCh	61, 39.170, 147.461
Yxy	29.3777, 0.2963, 0.4267
Android (android.graphics.Color)	4284457581 (0xFF5FA26D)
YUV	135.9250, -13.2740, -35.8912
Hunter-Lab	54.2012, -27.6691, 17.0877

Details

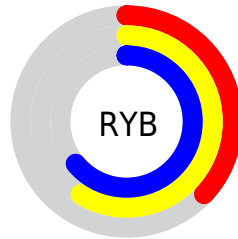
The XYZ color **20.4000, 29.3777, 19.0633** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.3388, 18.0046, 30.2106**, and the grayscale version is **23.4286, 24.6487, 26.8424**.

A 20% lighter version of the original color is **43.4586, 58.4948, 42.7183**, and **7.4145, 12.0024, 6.3408** is the 20% darker color. If you saturate the color by 10%, you get **18.2487, 28.3435, 15.6205**, and if you desaturate by 10%, it is **23.0034, 30.6350, 23.0537**.

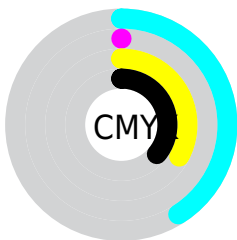
Distribution



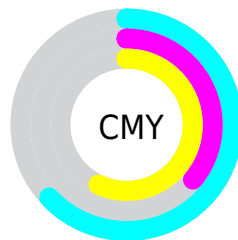
- Red (37%)
- Green (64%)
- Blue (43%)



- Red (37%)
- Yellow (59%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4000, 29.3777, 19.0633 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 20.4000, 29.3777, 19.0633 by changing the saturation by 10% instead.

■ 20.4000, 29.3777,
19.0633

■ 20.4000, 29.3777,
19.0633

246.8649,
298.9929, 259.2324

■ 12.7961, 19.3667,
11.5388

■ 43.5856, 58.6766,
42.6792

■ 7.3643, 11.9356,
6.3117

■ 59.8981, 78.7334,
59.6075

■ 3.7393, 6.6998,
2.9637

■ 79.8441, 102.9076,
80.5076

■ 1.5557, 3.2751,
1.0761

■ 103.7890,
131.5835, 105.7979

■ 0.3633, 1.2770,
0.0000

132.0982,
165.1456, 135.8970

■ 0.0000, 0.1233,
0.0000

165.1370,

■ 0.0000, 0.0000,

203.9783, 171.2234

0.0000

203.2708,
248.4659, 212.1957

■ 20.4000, 29.3777,
19.0633

■ 20.4000, 29.3777,
19.0633

■ 18.2487, 28.3435,
15.6205

■ 23.0034, 30.6350,
23.0537

■ 16.5211, 27.5157,
12.6993

■ 26.0806, 32.1237,
27.6120

■ 15.1889, 26.8812,
10.2749


■ 29.6548, 33.8560,
32.7600


■ 14.2193, 26.4237,
8.3194


■ 33.7468, 35.8423,
38.5178

■ 13.5742, 26.1240,
6.8022


■ 38.3764, 38.0924,
44.9045

 13.2075, 25.9564,
5.8161

 43.5622, 40.6154,
51.9382

 49.3219, 43.4202,
59.6366

 55.6725, 46.5152,
68.0165

 62.6302, 49.9083,
77.0941

Harmonies

Analogous

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



23.6133, 29.3777, 12.8878



20.4000, 29.3777, 19.0633



19.1762, 29.3777, 30.7513

Triad

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



20.4000, 29.3777, 19.0633



27.4876, 29.3777, 69.3593



37.6297, 29.3777, 20.6410

Complementary

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



20.4000, 29.3777, 19.0633



24.3388, 18.0046, 30.2106

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.



38.9911, 29.3777, 33.2561



20.4000, 29.3777, 19.0633



32.7267, 29.3777, 64.2025

Square

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



20.4000, 29.3777, 19.0633



22.9424, 29.3777, 62.2304



37.0988, 29.3777, 49.7306



33.5759, 29.3777, 13.5831

Rectangle

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



20.4000, 29.3777, 19.0633



19.5248, 29.3777, 41.2424



37.0988, 29.3777, 49.7306



38.4376, 29.3777, 24.2320

Sweetspot

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



20.4008, 29.3789, 19.0640



53.2327, 61.1691, 58.6146



27.3086, 33.0203, 15.7610



11.7688, 13.6476, 12.8975



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.



20.4008, 29.3789, 19.0640



33.2713, 51.5225, 28.5918



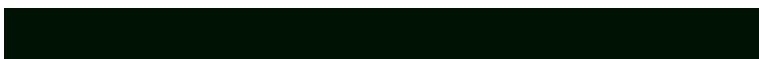
22.5155, 30.2248, 30.2002



7.0433, 7.9181, 7.8398



10.4181, 20.4536, 4.6522



0.2343, 0.4359, 0.1789

Inverse Universe

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



24.3388, 18.0046, 30.2106



41.4304, 27.9146, 51.6549



22.0937, 17.1065, 18.3878



7.3006, 7.1767, 8.5695



14.8321, 7.2889, 16.8383



0.3267, 0.1592, 0.4333

Previews

White Background



This preview shows how the XYZ color 20.4000, 29.3777, 19.0633 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 20.4000, 29.3777, 19.0633 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 20.4000, 29.3777, 19.0633

Background



This preview shows how black text looks on a background with the XYZ color 20.4000, 29.3777, 19.0633.



This preview shows how white text looks on a background with the XYZ color 20.4000, 29.3777,

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

20.4000, 29.3777, 19.0633

Protanopia

26.9325, 29.0958, 16.7669

Deuteranopia

29.5754, 29.0353, 19.9652



Tritanopia

24.7598, 29.3585, 40.9210

Trichromacy



Original Color

20.4000, 29.3777, 19.0633

Protanomaly

23.7697, 28.6273, 17.6374

Deuteranomaly

25.1737, 28.5940, 19.5216

Tritanomaly

23.0087, 29.4126, 31.6586

Monochromacy



Original Color

20.4000, 29.3777, 19.0633

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.7765, 25.8221, 23.5751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4000, 29.3777, 19.0633 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(95, 162, 109)` looks like.

```
.text, #text, p{  
    color:rgb(95, 162, 109)  
}
```

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(95, 162, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 162, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.4000, 29.3777, 19.0633 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(95, 162, 109) }
```


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

```
.border{ border-color:rgb(95, 162, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 162, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 162, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 162, 109);  
box-shadow:4px 4px 4px 4px rgb(95, 162,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4000, 29.3777, 19.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 162, 109) }
```

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

```
.background{ background-color: rgb(95, 162,  
109) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor