

Converting Colors

XYZ(11.0553, 20.0901, 9.9142)

Have a look what the booklet for
XYZ(11.0553, 20.0901, 9.9142)
contains.

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Color

**XYZ(11.0925, 20.1529,
9.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	008F4B
RGB	0, 143, 75
RGB Percent	0%, 56%, 29%
CMY	1.0000, 0.4392, 0.7059
CMYK	1.00, 0.00, 0.48, 0.44
HSL	151°, 100%, 28%
HSV	151°, 100%, 56%
XYZ	11.0925, 20.1529, 9.9619
YIQ	92.4910, -63.4000, -51.4640

Conversions

Conversions Part 2

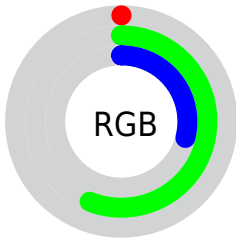
Format	Color
RYB	0, 94, 143
Decimal	36683
CIELab	52.01, -48.80, 27.14
CIELCh	52, 55.840, 150.923
Yxy	20.1529, 0.2692, 0.4891
Android (android.graphics.Color)	4278226763 (0xFF008F4B)
YUV	92.4910, -8.6231, -81.1146
Hunter-Lab	44.8920, -34.4548, 18.2674

Details

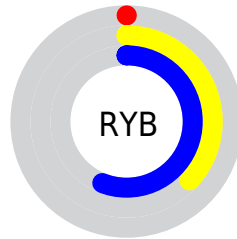
The XYZ color **11.0925, 20.1529, 9.9619** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **12.3719, 6.2576, 6.0263**, and the grayscale version is **10.3170, 10.8543, 11.8203**.

A 20% lighter version of the original color is **27.4630, 43.7078, 26.3910**, and **3.9629, 7.5709, 2.4149** is the 20% darker color. If you saturate the color by 10%, you get **11.0927, 20.1536, 9.9615**, and if you desaturate by 10%, it is **11.5243, 20.3477, 11.2634**.

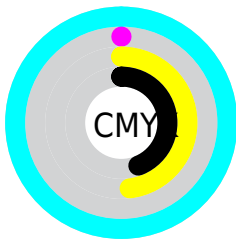
Distribution



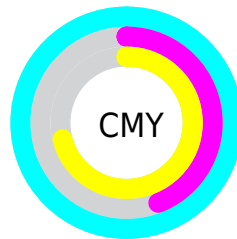
- Red (0%)
- Green (56%)
- Blue (29%)



- Red (0%)
- Yellow (37%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)





- Cyan (100%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0925, 20.1529, 9.9619 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 11.0925, 20.1529, 9.9619 by changing the saturation by 10% instead.


 11.0925, 20.1529,
9.9619


 11.0925, 20.1529,
9.9619


192.1963,
252.7417, 200.8749


 6.1968, 12.5062,
5.2684


 27.4625, 43.6734,
26.3305


 3.0069, 7.0894,
2.3441


 39.6676, 60.3160,
38.8427


 1.1574, 3.5181,
0.7558


 55.0399, 80.7260,
54.7983

 0.0724, 1.4078,
0.0000

 73.9446, 105.2879,
74.6157

 0.0000, 0.2225,
0.0000

 96.7473, 134.3860,
98.7135

 0.0000, 0.0000,
0.0000

 123.8132,

168.4048, 127.5103

155.5078,
207.7285, 161.4246

■ 11.0925, 20.1529,
9.9619

■ 11.0925, 20.1529,
9.9619

■ 11.0927, 20.1536,
9.9615

■ 11.5243, 20.3477,
11.2634

■ 12.1051, 20.6158,
12.7053

■ 12.8993, 20.9909,
14.2947

■ 13.9306, 21.4851,
16.0363

■ 15.2196, 22.1089,
17.9346

■ 16.7843, 22.8716,
19.9937

■ 18.6412, 23.7815,
22.2175

■ 20.8055, 24.8465,
24.6100

■ 23.2911, 26.0737,
27.1748

Harmonies

Analogous

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



14.0624, 20.1529, 4.5406



11.0925, 20.1529, 9.9619



10.1623, 20.1529, 22.4518

Triad

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



11.0925, 20.1529, 9.9619



19.3315, 20.1529, 70.5811



30.1629, 20.1529, 9.4543

Complementary

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



11.0925, 20.1529, 9.9619



12.3719, 6.2576, 6.0263

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.



32.3162, 20.1529, 21.4421



11.0925, 20.1529, 9.9619



25.3483, 20.1529, 61.3182

Square

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



11.0925, 20.1529, 9.9619



14.3123, 20.1529, 62.3252



30.4021, 20.1529, 40.9761



24.9820, 20.1529, 4.3663

Rectangle

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



11.0925, 20.1529, 9.9619



10.6417, 20.1529, 35.1496



30.4021, 20.1529, 40.9761



31.3060, 20.1529, 12.5441

Sweetspot

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



11.0930, 20.1537, 9.9624



33.1529, 42.4749, 39.5223



12.2859, 20.9154, 3.3898



7.3029, 9.5934, 8.7117



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.0930, 20.1537, 9.9624



19.7775, 36.0558, 17.3799



14.4270, 20.9209, 29.2653



5.4536, 6.0737, 6.3545



9.8184, 17.8232, 8.8636



0.1050, 0.1749, 0.1434

Inverse Universe

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



12.3719, 6.2576, 6.0263



22.0694, 11.1712, 10.3399



11.3541, 5.8918, 0.5391



5.5090, 5.4641, 6.1782



10.9490, 5.5366, 5.3826



0.1157, 0.0573, 0.1094

Previews

White Background



This preview shows how the XYZ color 11.0925, 20.1529, 9.9619 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 11.0925, 20.1529, 9.9619 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 11.0925, 20.1529, 9.9619

Background



This preview shows how black text looks on a background with the XYZ color 11.0925, 20.1529, 9.9619.



This preview shows how white text looks on a background with the XYZ color 11.0925, 20.1529,

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

11.0925, 20.1529, 9.9619

Protanopia

18.4044, 20.0669, 8.3721

Deuteranopia

20.1764, 19.8468, 10.5520



Tritanopia

15.3736, 20.1875, 30.2804

Trichromacy



Original Color

11.0925, 20.1529, 9.9619



Protanomaly

13.1841, 18.7138, 8.8785



Deuteranomaly

13.6167, 18.1229, 10.1775



Tritanomaly

13.1383, 19.8731, 20.9127

Monochromacy



Original Color

11.0925, 20.1529, 9.9619



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

9.1678, 12.9706, 10.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0925, 20.1529, 9.9619 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(0, 143, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 75)  
}
```

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(0, 143, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 75) }
```

Border

The CSS property to change the border of an element to XYZ 11.0925, 20.1529, 9.9619 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(0, 143, 75) }
```


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

```
.border{ border-color:rgb(0, 143, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 75);  
box-shadow:4px 4px 4px 4px rgb(0, 143, 75)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0925, 20.1529, 9.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 75) }
```

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

```
.background{ background-color: rgb(0, 143,  
75) }
```

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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