

Converting Colors

XYZ(20.9068, 26.3057, 15.4405)

Have a look what the booklet for
XYZ(20.9068, 26.3057, 15.4405)
contains.

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Color

**XYZ(20.8205, 26.1992,
15.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9462
RGB	122, 148, 98
RGB Percent	48%, 58%, 38%
CMY	0.5216, 0.4196, 0.6157
CMYK	0.18, 0.00, 0.34, 0.42
HSL	91°, 20%, 48%
HSV	91°, 34%, 58%
XYZ	20.8205, 26.1992, 15.5149
YIQ	134.5260, 0.5540, -21.0620

Conversions

Conversions Part 2

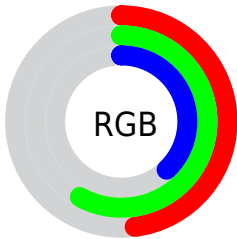
Format	Color
RYB	98, 148, 124
Decimal	8033378
CIELab	58.23, -18.53, 23.51
CIElCh	58, 29.937, 128.242
Yxy	26.1992, 0.3329, 0.4190
Android (android.graphics.Color)	4286223458 (0xFF7A9462)
YUV	134.5260, -18.0073, -10.9853
Hunter-Lab	51.1852, -16.9659, 17.8580

Details

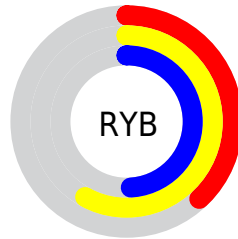
The XYZ color **20.8205, 26.1992, 15.5149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0263, 15.1594, 29.9944**, and the grayscale version is **22.9185, 24.1121, 26.2581**.

A 20% lighter version of the original color is **44.2245, 53.5249, 36.4342**, and **7.5447, 10.1661, 4.6966** is the 20% darker color. If you saturate the color by 10%, you get **19.1385, 25.4063, 12.1196**, and if you desaturate by 10%, it is **22.7194, 27.0906, 19.5960**.

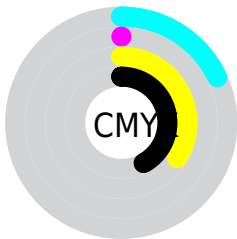
Distribution



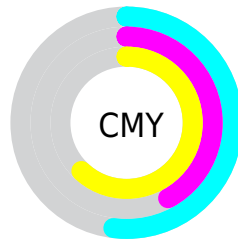
- Red (48%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8205, 26.1992, 15.5149 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 20.8205, 26.1992, 15.5149 by changing the saturation by 10% instead.

■ 20.8205, 26.1992,
15.5149

■ 20.8205, 26.1992,
15.5149

249.0728,
283.7586, 238.2091

■ 13.1046, 16.9727,
9.0309

■ 44.2821, 53.5961,
36.5090

■ 7.5781, 10.2150,
4.6643

■ 60.7586, 72.5354,
51.8561

■ 3.8757, 5.5418,
1.9964

■ 80.8858, 95.4810,
70.9948

■ 1.6321, 2.5685,
0.5531

■ 105.0294,
122.8174, 94.3435

■ 0.4132, 0.9109,
0.0000

133.5545,
154.9289, 122.3207

■ 0.0000, 0.0000,
0.0000

166.8265,

192.2001, 155.3450

205.2108,
235.0151, 193.8350

■ 20.8205, 26.1992,
15.5149

■ 20.8205, 26.1992,
15.5149

■ 19.1385, 25.4063,
12.1196

■ 22.7194, 27.0906,
19.5960

■ 17.6623, 24.7046,
9.3708

■ 24.8418, 28.0807,
24.3959

■ 16.3826, 24.0910,
7.2276


■ 27.1963, 29.1740,
29.9477


■ 15.2887, 23.5610,
5.6441


■ 29.7904, 30.3738,
36.2819

■ 14.3682, 23.1094,
4.5674


■ 32.6315, 31.6832,
43.4270


 13.6069, 22.7301,
3.9344

 35.7262, 33.1051,
51.4106

 13.1915, 22.5218,
3.6519

 39.0813, 34.6424,
60.2585

 42.7031, 36.2977,
69.9957

 46.5976, 38.0737,
80.6460

Harmonies

Analogous

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



23.9129, 26.1992, 12.9466



20.8205, 26.1992, 15.5149



18.9572, 26.1992, 21.7303

Triad

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



20.8205, 26.1992, 15.5149



22.3991, 26.1992, 51.4520



32.4801, 26.1992, 25.7519

Complementary

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



20.8205, 26.1992, 15.5149



18.0263, 15.1594, 29.9944

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.



31.9743, 26.1992, 36.6098



20.8205, 26.1992, 15.5149



25.9171, 26.1992, 53.2802

Square

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



20.8205, 26.1992, 15.5149



19.8049, 26.1992, 42.7991



29.4838, 26.1992, 47.3158



30.8051, 26.1992, 17.8425

Rectangle

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



20.8205, 26.1992, 15.5149



18.5477, 26.1992, 27.9166



29.4838, 26.1992, 47.3158



32.5624, 26.1992, 29.1452

Sweetspot

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



20.8212, 26.2003, 15.5155



45.2712, 50.2147, 46.3990



21.6052, 21.5523, 14.5770



10.2159, 11.4078, 10.3146



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.



20.8212, 26.2003, 15.5155



34.3215, 45.0882, 22.4688



17.8719, 24.6754, 15.5839



5.9786, 6.5968, 6.1987



11.2983, 19.2523, 3.1206



0.1720, 0.2530, 0.0398

Inverse Universe

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



18.0263, 15.1594, 29.9944



28.5720, 22.3790, 52.2483



21.8610, 17.1438, 29.8307



5.7699, 5.7724, 7.2798



7.2093, 3.1891, 24.1666



0.1223, 0.0566, 0.2974

Previews

White Background



This preview shows how the XYZ color 20.8205, 26.1992, 15.5149 looks on a white background.

Color Contrast Check

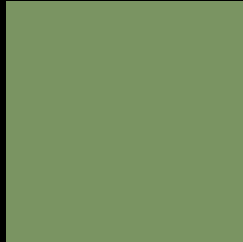
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8205, 26.1992, 15.5149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

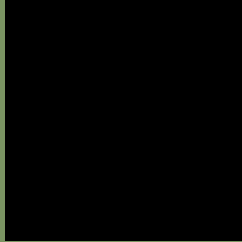
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8205, 26.1992, 15.5149

Background



This preview shows how black text looks on a background with the XYZ color 20.8205, 26.1992, 15.5149.



This preview shows how white text looks on a background with the XYZ color 20.8205, 26.1992,

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

20.8205, 26.1992, 15.5149

Protanopia

24.2061, 26.1617, 14.6004

Deuteranopia

26.5999, 26.0968, 15.9471



Tritanopia

24.3983, 26.0626, 33.4504

Trichromacy



Original Color

20.8205, 26.1992, 15.5149

Protanomaly

22.7490, 26.0649, 14.8984

Deuteranomaly

24.1105, 25.8694, 15.7791

Tritanomaly

22.8905, 26.1245, 25.6659

Monochromacy



Original Color

20.8205, 26.1992, 15.5149

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0969, 24.9071, 22.0553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8205, 26.1992, 15.5149 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(122, 148, 98)` looks like.

```
.text, #text, p{  
    color:rgb(122, 148, 98)  
}
```

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(122, 148, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 148, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.8205, 26.1992, 15.5149 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(122, 148, 98) }
```


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

```
.border{ border-color:rgb(122, 148, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 148, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 148, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 148, 98);  
box-shadow:4px 4px 4px 4px rgb(122, 148,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8205, 26.1992, 15.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 148, 98) }
```

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

```
.background{ background-color: rgb(122,  
148, 98) }
```

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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