

Converting Colors

XYZ(19.2908, 25.9610, 16.3028)

Have a look what the booklet for
XYZ(19.2908, 25.9610, 16.3028)
contains.

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Color

**XYZ(19.1992, 25.8164,
16.2831)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9665
RGB	106, 150, 101
RGB Percent	42%, 59%, 40%
CMY	0.5843, 0.4118, 0.6039
CMYK	0.29, 0.00, 0.33, 0.41
HSL	114°, 20%, 49%
HSV	114°, 33%, 59%
XYZ	19.1992, 25.8164, 16.2831
YIQ	131.2580, -10.4950, -24.5670

Conversions

Conversions Part 2

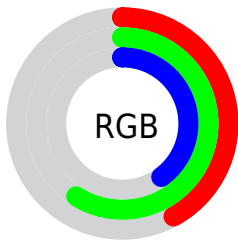
Format	Color
RYB	101, 150, 145
Decimal	6985317
CIELab	57.86, -25.00, 21.19
CIELCh	58, 32.773, 139.716
Yxy	25.8164, 0.3132, 0.4212
Android (android.graphics.Color)	4285175397 (0xFF6A9665)
YUV	131.2580, -14.9172, -22.1513
Hunter-Lab	50.8098, -21.4685, 16.5661

Details

The XYZ color **19.1992, 25.8164, 16.2831** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.8367, 17.5298, 31.0881**, and the grayscale version is **21.7206, 22.8518, 24.8856**.

A 20% lighter version of the original color is **41.5584, 52.8237, 37.7114**, and **6.7586, 10.0308, 5.0699** is the 20% darker color. If you saturate the color by 10%, you get **17.0535, 24.7883, 12.6902**, and if you desaturate by 10%, it is **21.7319, 27.0300, 20.5955**.

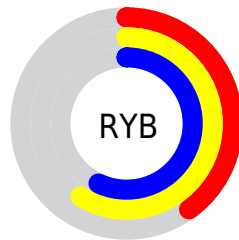
Distribution



Red (42%)

Green (59%)

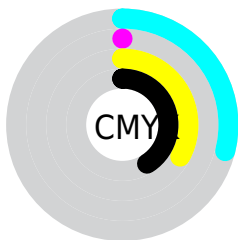
Blue (40%)



Red (40%)

Yellow (59%)

Blue (57%)

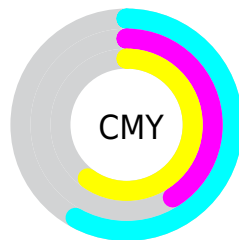


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1992, 25.8164, 16.2831 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 19.1992, 25.8164, 16.2831 by changing the saturation by 10% instead.

■ 19.1992, 25.8164,
16.2831

■ 19.1992, 25.8164,
16.2831

240.4633,
281.8796, 242.9090

■ 11.9192, 16.6863,
9.5682

■ 41.5847, 52.9786,
37.8626

■ 6.7605, 10.0111,
5.0118

■ 57.4209, 71.7795,
53.5642

■ 3.3577, 5.4063,
2.1953

■ 76.8398, 94.5729,
73.0986

■ 1.3456, 2.4876,
0.6717

■ 100.2069,
121.7430, 96.8841

■ 0.2170, 0.8704,
0.0000

127.8874,
153.6744, 125.3393

■ 0.0000, 0.0000,
0.0000

160.2467,

190.7514, 158.8829

197.6503,
233.3583, 197.9332

■ 19.1992, 25.8164,
16.2831

■ 19.1992, 25.8164,
16.2831

■ 17.0535, 24.7883,
12.6902

■ 21.7319, 27.0300,
20.5955

■ 15.2738, 23.9335,
9.7760

■ 24.6672, 28.4341,
25.6617

■ 13.8400, 23.2433,
7.4984

■ 28.0225, 30.0377,
31.5161

■ 12.7295, 22.7070,
5.8098

■ 31.8134, 31.8482,
38.1901

■ 11.9169, 22.3128,
4.6560

■ 36.0547, 33.8726,
45.7137

■ 11.3726, 22.0468,
3.9727

■ 40.7607, 36.1175,
54.1152

■ 11.1088, 21.9178,
3.6451

■ 45.9448, 38.5894,
63.4218

■ 51.6200, 41.2943,
73.6593

■ 57.7988, 44.2383,
84.8526

Harmonies

Analogous

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



22.0691, 25.8164, 12.2297



19.1992, 25.8164, 16.2831



17.8115, 25.8164, 24.4105

Triad

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



19.1992, 25.8164, 16.2831



23.2096, 25.8164, 55.3259



32.3847, 25.8164, 21.4057

Complementary

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



19.1992, 25.8164, 16.2831



21.8367, 17.5298, 31.0881

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.



32.7743, 25.8164, 32.1649



19.1992, 25.8164, 16.2831



27.1839, 25.8164, 53.8881

Square

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



19.1992, 25.8164, 16.2831



19.9570, 25.8164, 48.1274



30.7841, 25.8164, 44.6059



29.7706, 25.8164, 14.5919

Rectangle

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



19.1992, 25.8164, 16.2831



17.8010, 25.8164, 31.9334



30.7841, 25.8164, 44.6059



32.7901, 25.8164, 24.6040

Sweetspot

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



19.1999, 25.8175, 16.2837



44.9228, 50.8435, 47.7055



24.9439, 27.4572, 16.2974



9.7961, 11.1914, 10.2949



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.



19.1999, 25.8175, 16.2837



31.1241, 44.2381, 24.1059



19.6510, 25.9313, 21.6706



5.7813, 6.4951, 6.1894



9.2274, 18.1847, 3.0237



0.1237, 0.2281, 0.0375

Inverse Universe

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



21.8367, 17.5298, 31.0881



36.4905, 27.3445, 54.2760



21.3437, 17.4366, 23.7913



5.9776, 5.8795, 7.2895



12.8275, 6.0854, 24.4295



0.1705, 0.0815, 0.2996

Previews

White Background



This preview shows how the XYZ color 19.1992, 25.8164, 16.2831 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 19.1992, 25.8164, 16.2831 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 19.1992, 25.8164, 16.2831

Background



This preview shows how black text looks on a background with the XYZ color 19.1992, 25.8164, 16.2831.



This preview shows how white text looks on a background with the XYZ color 19.1992, 25.8164,

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

19.1992, 25.8164, 16.2831

Protanopia

23.7775, 25.5055, 14.7362

Deuteranopia

26.0416, 25.5815, 16.9298



Tritanopia

22.8091, 25.6563, 34.7603

Trichromacy



Original Color

19.1992, 25.8164, 16.2831

Protanomaly

21.7091, 25.2962, 15.2937

Deuteranomaly

22.8866, 25.2155, 16.7575

Tritanomaly

21.3342, 25.7518, 26.7678

Monochromacy



Original Color

19.1992, 25.8164, 16.2831

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5047, 23.6706, 21.2575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1992, 25.8164, 16.2831 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(106, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(106, 150, 101)  
}
```

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(106, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 150, 101) }
```

Border

The CSS property to change the border of an element to XYZ 19.1992, 25.8164, 16.2831 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(106, 150, 101) }
```


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

```
.border{ border-color:rgb(106, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(106, 150,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1992, 25.8164, 16.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 150, 101) }
```

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

```
.background{ background-color: rgb(106,  
150, 101) }
```

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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