

Converting Colors

XYZ(20.9327, 21.5529, 6.1630)

Have a look what the booklet for
XYZ(20.9327, 21.5529, 6.1630)
contains.

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Color

**XYZ(21.0680, 21.6786,
6.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	997D33
RGB	153, 125, 51
RGB Percent	60%, 49%, 20%
CMY	0.4000, 0.5098, 0.8000
CMYK	0.00, 0.18, 0.67, 0.40
HSL	44°, 50%, 40%
HSV	44°, 67%, 60%
XYZ	21.0680, 21.6786, 6.2059
YIQ	124.9360, 40.4420, -17.0780

Conversions

Conversions Part 2

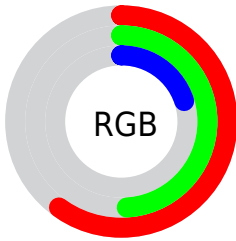
Format	Color
R_{YB}	90, 153, 51
Decimal	10059059
CIE Lab	53.68, 2.23, 43.18
CIE LCh	54, 43.235, 87.038
Yxy	21.6786, 0.4304, 0.4428
Android (android.graphics.Color)	4288249139 (0xFF997D33)
YUV	124.9360, -36.4504, 24.6121
Hunter-Lab	46.5603, -0.7113, 24.6896

Details

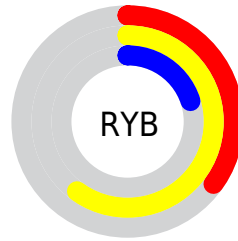
The XYZ color **21.0680, 21.6786, 6.2059** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.9108, 8.5952, 31.2734**, and the grayscale version is **19.5812, 20.6010, 22.4345**.

A 20% lighter version of the original color is **44.6494, 46.0855, 18.8540**, and **7.7300, 7.8215, 1.1023** is the 20% darker color. If you saturate the color by 10%, you get **20.2644, 20.5252, 4.5390**, and if you desaturate by 10%, it is **22.0062, 22.9234, 8.4658**.

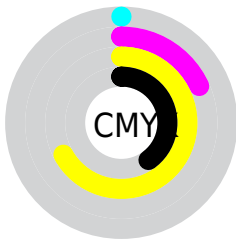
Distribution



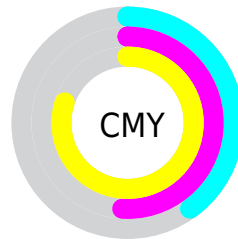
- Red (60%)
- Green (49%)
- Blue (20%)



- Red (35%)
- Yellow (60%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (67%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0680, 21.6786, 6.2059 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 21.0680, 21.6786, 6.2059 by changing the saturation by 10% instead.

21.0680, 21.6786,
6.2059

21.0680, 21.6786,
6.2059

250.3645,
260.8632, 170.2643

13.2865, 13.6209,
2.8999

44.6911, 46.2142,
18.8418

7.7045, 7.8575,
1.0437

61.2634, 63.4610,
29.0087

3.9566, 4.0039,
0.0000

81.4966, 84.5395,
42.2997

1.6776, 1.6757,
0.0000

105.7561,
109.8343, 59.1333

0.4422, 0.4079,
0.0000

134.4074,
139.7296, 79.9280

0.0000, 0.0000,
0.0000

167.8156,

174.6100, 105.1024

206.3462,
214.8597, 135.0750

■ 21.0680, 21.6786,
6.2059

■ 21.0680, 21.6786,
6.2059

■ 20.2644, 20.5252,
4.5390

■ 22.0062, 22.9234,
8.4658

■ 19.5821, 19.4551,
3.4039

■ 23.0874, 24.2610,
11.3694

■ 19.0038, 18.4617,
2.7084

■ 24.3214, 25.6965,
14.9633

■ 18.8219, 18.1425,
2.5098

■ 25.7161, 27.2336,
19.2893

■ 27.2793, 28.8757,
24.3862

■ 29.0180, 30.6261,
30.2898

■ 30.9387, 32.4877,
37.0336

■ 33.0477, 34.4635,
44.6493

■ 35.3510, 36.5562,
53.1670

Harmonies

Analogous

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



25.8349, 21.6786, 8.0295



21.0680, 21.6786, 6.2059



16.8190, 21.6786, 7.4048

Triad

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



21.0680, 21.6786, 6.2059



13.6523, 21.6786, 37.1866



29.0083, 21.6786, 40.3603

Complementary

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



21.0680, 21.6786, 6.2059



9.9108, 8.5952, 31.2734

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.



24.9201, 21.6786, 54.3538



21.0680, 21.6786, 6.2059



16.1331, 21.6786, 52.0901

Square

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



21.0680, 21.6786, 6.2059



12.9352, 21.6786, 22.3121



20.1486, 21.6786, 59.2937



30.8292, 21.6786, 24.9455

Rectangle

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



21.0680, 21.6786, 6.2059



14.7552, 21.6786, 10.1487



20.1486, 21.6786, 59.2937



27.8263, 21.6786, 45.5779

Sweetspot

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



21.0685, 21.6796, 6.2063



47.7744, 50.5945, 40.1032



15.7650, 9.7178, 8.6151



10.3904, 11.0051, 8.3381



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.0685, 21.6796, 6.2063



35.6651, 35.7985, 7.0180



21.3333, 27.8386, 7.3812



6.5655, 6.9361, 6.5986



15.5848, 15.0521, 2.0839



0.2627, 0.2845, 0.0411

Inverse Universe

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



9.9108, 8.5952, 31.2734



14.2918, 10.8216, 55.3075



9.6889, 6.0881, 30.8011



6.0156, 6.2886, 7.8257



5.4611, 3.3188, 25.2605



0.1090, 0.1044, 0.3868

Previews

White Background



This preview shows how the XYZ color 21.0680, 21.6786, 6.2059 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 21.0680, 21.6786, 6.2059 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 21.0680, 21.6786, 6.2059

Background



This preview shows how black text looks on a background with the XYZ color 21.0680, 21.6786, 6.2059.



This preview shows how white text looks on a background with the XYZ color 21.0680, 21.6786,

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

21.0680, 21.6786, 6.2059

Protanopia

19.7978, 21.7881, 6.4109

Deuteranopia

22.0766, 21.6406, 6.2623



Tritanopia

24.4253, 21.5999, 22.6205

Trichromacy



Original Color

21.0680, 21.6786, 6.2059

Protanomaly

20.3716, 21.8893, 6.4002

Deuteranomaly

21.6074, 21.5819, 6.2757

Tritanomaly

22.8732, 21.5019, 14.7491

Monochromacy



Original Color

21.0680, 21.6786, 6.2059

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.5299, 20.7000, 14.5214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0680, 21.6786, 6.2059 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(153, 125, 51)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 51)  
}
```

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(153, 125, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 51) }
```

Border

The CSS property to change the border of an element to XYZ 21.0680, 21.6786, 6.2059 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(153, 125, 51) }
```


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

```
.border{ border-color:rgb(153, 125, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 125, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 51);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0680, 21.6786, 6.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 51) }
```

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

```
.background{ background-color: rgb(153,  
125, 51) }
```

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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