

Converting Colors

XYZ(30.3397, 40.0540, 19.9369)

Have a look what the booklet for
XYZ(30.3397, 40.0540, 19.9369)
contains.

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Color

**XYZ(30.3663, 40.1802,
20.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB66B
RGB	141, 182, 107
RGB Percent	55%, 71%, 42%
CMY	0.4471, 0.2863, 0.5804
CMYK	0.23, 0.00, 0.41, 0.29
HSL	93°, 34%, 57%
HSV	93°, 41%, 71%
XYZ	30.3663, 40.1802, 20.0650
YIQ	161.1910, -0.3610, -32.0170

Conversions

Conversions Part 2

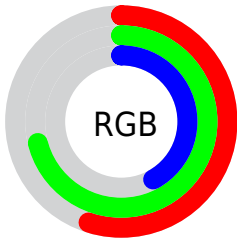
Format	Color
RYB	107, 182, 148
Decimal	9287275
CIELab	69.60, -27.14, 33.77
CIELCh	70, 43.326, 128.791
Yxy	40.1802, 0.3351, 0.4434
Android (android.graphics.Color)	4287477355 (0xFF8DB66B)
YUV	161.1910, -26.7162, -17.7075
Hunter-Lab	63.3879, -25.4173, 25.6036

Details

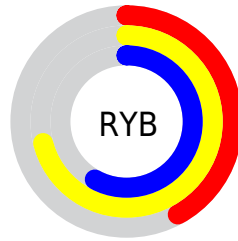
The XYZ color **30.3663, 40.1802, 20.0650** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **25.9157, 20.1899, 46.7894**, and the grayscale version is **34.0865, 35.8617, 39.0534**.

A 20% lighter version of the original color is **59.5975, 75.3880, 44.2111**, and **12.7338, 18.1298, 6.8313** is the 20% darker color. If you saturate the color by 10%, you get **27.8915, 39.0049, 15.4662**, and if you desaturate by 10%, it is **33.1967, 41.5181, 25.7341**.

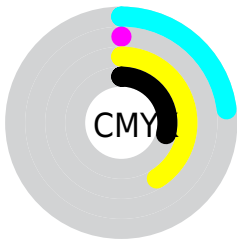
Distribution



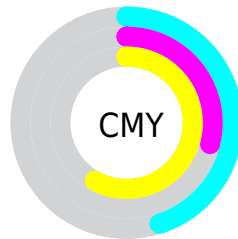
- Red (55%)
- Green (71%)
- Blue (42%)



- Red (42%)
- Yellow (71%)
- Blue (58%)



- Cyan (23%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3663, 40.1802, 20.0650 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 30.3663, 40.1802, 20.0650 by changing the saturation by 10% instead.

■ 30.3663, 40.1802,
20.0650

■ 30.3663, 40.1802,
20.0650

295.4874,
346.8825, 264.8827

■ 20.2662, 27.6791,
12.2578

■ 59.6236, 75.4378,
44.3865

■ 12.6981, 18.0839,
6.7948

■ 79.5116, 98.9631,
61.7379

■ 7.2966, 11.0102,
3.2576

■ 103.3930,
126.9319, 83.1077

■ 3.6962, 6.0737,
1.2276

■ 131.6330,
159.7287, 108.9146

■ 1.5318, 2.8900,
0.0014

164.5971,
197.7377, 139.5769

■ 0.3473, 1.0746,
0.0000

202.6507,

■ 0.0000, 0.0000,

241.3434, 175.5134

0.0000

246.1590,
290.9302, 217.1424

■ 30.3663, 40.1802,
20.0650

■ 30.3663, 40.1802,
20.0650

■ 27.8915, 39.0049,
15.4662

■ 33.1967, 41.5181,
25.7341

■ 25.7525, 37.9796,
11.8679

■ 36.3953, 43.0198,
32.5324

■ 23.9321, 37.0984,
9.1957


■ 39.9773, 44.6934,
40.5175


■ 22.4096, 36.3525,
7.3642


■ 43.9565, 46.5447,
49.7426


■ 21.1613, 35.7319,
6.2718

■ 48.3458, 48.5792,
60.2573

 20.2523, 35.2740,
5.7412

 53.1573, 50.8023,
72.1087

 58.4028, 53.2190,
85.3415

 64.0935, 55.8342,
99.9983

 67.5896, 57.5922,
102.1618

Harmonies

Analogous

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



36.1705, 40.1802, 15.6502



30.3663, 40.1802, 20.0650



26.9705, 40.1802, 31.2382

Triad

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



30.3663, 40.1802, 20.0650



33.5268, 40.1802, 90.3986



53.0885, 40.1802, 38.1208

Complementary

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



30.3663, 40.1802, 20.0650



25.9157, 20.1899, 46.7894

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.



52.1559, 40.1802, 59.2214



30.3663, 40.1802, 20.0650



40.2834, 40.1802, 93.9433

Square

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



30.3663, 40.1802, 20.0650



28.6342, 40.1802, 72.6002



47.2540, 40.1802, 81.1778



49.6655, 40.1802, 23.7778

Rectangle

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



30.3663, 40.1802, 20.0650



26.2566, 40.1802, 42.9416



47.2540, 40.1802, 81.1778



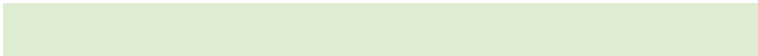
53.2819, 40.1802, 44.5673

Sweetspot

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



30.3673, 40.1819, 20.0659



71.7975, 80.7087, 71.9161



32.3806, 31.8756, 18.3565



15.6651, 17.7362, 15.4484



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.3673, 40.1819, 20.0659



51.1467, 70.9896, 29.0786



25.5799, 37.6985, 20.5385



9.2666, 10.2541, 9.5977



14.3758, 24.9473, 4.0576



0.5782, 0.9163, 0.1464

Inverse Universe

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



25.9157, 20.1899, 46.7894



42.0202, 30.0341, 83.8182



32.7381, 23.7365, 45.7718



8.9777, 8.9549, 11.3347



9.7127, 4.3183, 31.5747



0.4127, 0.1885, 1.1164

Previews

White Background



This preview shows how the XYZ color 30.3663, 40.1802, 20.0650 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.3663, 40.1802, 20.0650 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 ✓ Pass

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

XYZ 30.3663, 40.1802, 20.0650

Background



This preview shows how black text looks on a background with the XYZ color 30.3663, 40.1802, 20.0650.



This preview shows how white text looks on a background with the XYZ color 30.3663, 40.1802,

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

30.3663, 40.1802, 20.0650

Protanopia

36.7806, 40.0230, 18.3570

Deuteranopia

40.7468, 39.8479, 20.8731



Tritanopia

36.9434, 40.2046, 52.2675

Trichromacy



Original Color

30.3663, 40.1802, 20.0650

Protanomaly

33.9969, 39.7066, 18.9690

Deuteranomaly

36.0585, 39.3255, 20.4419

Tritanomaly

34.0056, 39.8746, 37.8026

Monochromacy



Original Color

30.3663, 40.1802, 20.0650

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.3221, 37.1690, 30.6701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3663, 40.1802, 20.0650 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(141, 182, 107)` looks like.

```
.text, #text, p{  
    color:rgb(141, 182, 107)  
}
```

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(141, 182, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 182, 107) }
```

Border

The CSS property to change the border of an element to XYZ 30.3663, 40.1802, 20.0650 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(141, 182, 107) }
```


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

```
.border{ border-color:rgb(141, 182, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 182, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 182, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 182, 107);  
box-shadow:4px 4px 4px 4px rgb(141, 182,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3663, 40.1802, 20.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 182, 107) }
```

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

```
.background{ background-color: rgb(141,  
182, 107) }
```

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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