

Converting Colors

XYZ(26.1005, 33.5349, 20.6084)

Have a look what the booklet for
XYZ(26.1005, 33.5349, 20.6084)
contains.

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Color

**XYZ(26.1594, 33.6550,
20.7401)**

Conversions

Conversions Part 1

Format	Color
Hex	83A771
RGB	131, 167, 113
RGB Percent	51%, 65%, 44%
CMY	0.4863, 0.3451, 0.5569
CMYK	0.22, 0.00, 0.32, 0.35
HSL	100°, 23%, 55%
HSV	100°, 32%, 65%
XYZ	26.1594, 33.6550, 20.7401
YIQ	150.0800, -4.1220, -24.4260

Conversions

Conversions Part 2

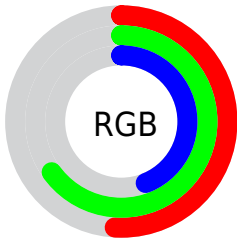
Format	Color
RYB	113, 167, 149
Decimal	8628081
CIELab	64.69, -22.56, 24.04
CIELCh	65, 32.966, 133.173
Yxy	33.6550, 0.3247, 0.4178
Android (android.graphics.Color)	4286818161 (0xFF83A771)
YUV	150.0800, -18.2804, -16.7332
Hunter-Lab	58.0129, -21.0328, 19.4124

Details

The XYZ color **26.1594, 33.6550, 20.7401** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.2761, 20.9909, 39.2805**, and the grayscale version is **29.1005, 30.6160, 33.3408**.

A 20% lighter version of the original color is **52.9204, 65.2735, 45.4071**, and **10.3644, 14.3371, 7.0716** is the 20% darker color. If you saturate the color by 10%, you get **23.6718, 32.4724, 16.1594**, and if you desaturate by 10%, it is **29.0071, 35.0053, 26.2422**.

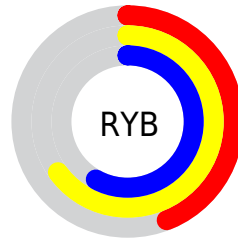
Distribution



Red (51%)

Green (65%)

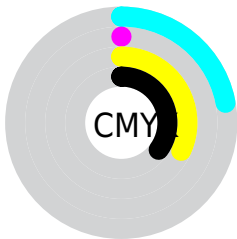
Blue (44%)



Red (44%)

Yellow (65%)

Blue (58%)

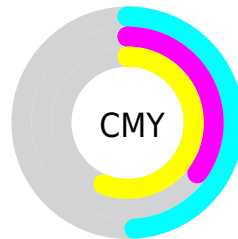


Cyan (22%)

Magenta (0%)

Yellow (32%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1594, 33.6550, 20.7401 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 26.1594, 33.6550, 20.7401 by changing the saturation by 10% instead.

■ 26.1594, 33.6550,
20.7401

■ 26.1594, 33.6550,
20.7401

275.8061,
318.5910, 268.6296

■ 17.0762, 22.6287,
12.7448

■ 52.9615, 65.3968,
45.5297

■ 10.3845, 14.3196,
7.1244

■ 71.4111, 86.8811,
63.1611

■ 5.7188, 8.3433,
3.4604

■ 93.7135, 112.6202,
84.8416

■ 2.7139, 4.3154,
1.3342

■ 120.2342,
142.9984, 110.9898

■ 1.0043, 1.8515,
0.0896

151.3384,
178.4002, 142.0241

■ 0.0000, 0.5190,
0.0000

187.3916,

■ 0.0000, 0.0000,

219.2100, 178.3631

0.0000

228.7590,
265.8121, 220.4254

■ 26.1594, 33.6550,
20.7401

■ 26.1594, 33.6550,
20.7401

■ 23.6718, 32.4724,
16.1594

■ 29.0071, 35.0053,
26.2422

■ 21.5264, 31.4464,
12.4475

■ 32.2268, 36.5252,
32.7101

■ 19.7075, 30.5709,
9.5502


■ 35.8327, 38.2223,
40.1877


■ 18.1971, 29.8382,
7.4058


■ 39.8376, 40.1024,
48.7159


■ 16.9749, 29.2392,
5.9441


■ 44.2539, 42.1708,
58.3329


 16.0178, 28.7639,
5.0818

 49.0931, 44.4327,
69.0755

 15.4314, 28.4699,
4.6819

 54.3665, 46.8932,
80.9784

 60.0847, 49.5571,
94.0749

 64.8918, 51.8825,
101.2019

Harmonies

Analogous

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



29.9597, 33.6550, 16.6818



26.1594, 33.6550, 20.7401



24.0475, 33.6550, 29.6087

Triad

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



26.1594, 33.6550, 20.7401



29.4264, 33.6550, 67.6632



41.6874, 33.6550, 31.0228

Complementary

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



26.1594, 33.6550, 20.7401



25.2761, 20.9909, 39.2805

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.



41.5085, 33.6550, 44.7152



26.1594, 33.6550, 20.7401



34.1060, 33.6550, 68.3125

Square

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



26.1594, 33.6550, 20.7401



25.8023, 33.6550, 57.5144



38.6240, 33.6550, 59.1157



39.0910, 33.6550, 21.5544

Rectangle

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



26.1594, 33.6550, 20.7401



23.7383, 33.6550, 38.1053



38.6240, 33.6550, 59.1157



41.9569, 33.6550, 35.2217

Sweetspot

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



26.1603, 33.6565, 20.7408



59.0454, 66.0388, 61.3090



29.6658, 30.9041, 20.0248



13.0254, 14.6897, 13.3344



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1603, 33.6565, 20.7408



43.5038, 58.6828, 30.9419



24.1427, 32.5549, 23.4243



7.6636, 8.5247, 8.0308



11.8551, 21.8088, 3.5847



0.3424, 0.5584, 0.0897

Inverse Universe

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



25.2761, 20.9909, 39.2805



41.6539, 32.3230, 69.5188



28.0143, 22.4953, 35.2148



7.5953, 7.5395, 9.4733



10.4400, 4.7655, 28.3451



0.3048, 0.1421, 0.6920

Previews

White Background



This preview shows how the XYZ color 26.1594, 33.6550, 20.7401 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 26.1594, 33.6550, 20.7401 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 26.1594, 33.6550, 20.7401

Background



This preview shows how black text looks on a background with the XYZ color 26.1594, 33.6550, 20.7401.



This preview shows how white text looks on a background with the XYZ color 26.1594, 33.6550,

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

26.1594, 33.6550, 20.7401

Protanopia

30.9574, 33.2947, 18.9822

Deuteranopia

34.1248, 33.4113, 21.4801



Tritanopia

30.8324, 33.6956, 43.9086

Trichromacy



Original Color

26.1594, 33.6550, 20.7401

Protanomaly

28.9028, 33.2360, 19.6437

Deuteranomaly

30.5579, 33.0372, 21.2892

Tritanomaly

28.9996, 33.7471, 34.2636

Monochromacy



Original Color

26.1594, 33.6550, 20.7401

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7315, 31.4227, 28.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1594, 33.6550, 20.7401 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(131, 167, 113)` looks like.

```
.text, #text, p{  
    color:rgb(131, 167, 113)  
}
```

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(131, 167, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 167, 113) }
```

Border

The CSS property to change the border of an element to XYZ 26.1594, 33.6550, 20.7401 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(131, 167, 113) }
```


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

```
.border{ border-color:rgb(131, 167, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 167, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 167, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 167, 113);  
box-shadow:4px 4px 4px 4px rgb(131, 167,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1594, 33.6550, 20.7401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 167, 113) }
```

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

```
.background{ background-color: rgb(131,  
167, 113) }
```

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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