

Converting Colors

XYZ(21.7163, 30.2207, 26.0053)

Have a look what the booklet for
XYZ(21.7163, 30.2207, 26.0053)
contains.

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Color

**XYZ(21.7081, 30.1602,
26.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA383
RGB	93, 163, 131
RGB Percent	36%, 64%, 51%
CMY	0.6353, 0.3608, 0.4863
CMYK	0.43, 0.00, 0.20, 0.36
HSL	153°, 28%, 50%
HSV	153°, 43%, 64%
XYZ	21.7081, 30.1602, 26.1501
YIQ	138.4220, -31.4480, -24.7920

Conversions

Conversions Part 2

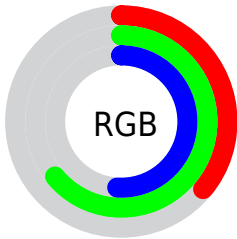
Format	Color
RYB	93, 138, 163
Decimal	6136707
CIELab	61.79, -29.68, 9.81
CIElCh	62, 31.258, 161.716
Yxy	30.1602, 0.2782, 0.3866
Android (android.graphics.Color)	4284326787 (0xFF5DA383)
YUV	138.4220, -3.6590, -39.8351
Hunter-Lab	54.9183, -25.5496, 10.2111

Details

The XYZ color **21.7081, 30.1602, 26.1501** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7212, 17.0966, 21.5055**, and the grayscale version is **24.3415, 25.6092, 27.8884**.

A 20% lighter version of the original color is **45.7558, 59.8065, 54.4796**, and **8.0825, 12.4292, 9.9557** is the 20% darker color. If you saturate the color by 10%, you get **19.7439, 29.2047, 23.5162**, and if you desaturate by 10%, it is **24.0619, 31.3140, 28.9932**.

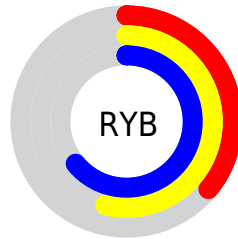
Distribution



Red (36%)

Green (64%)

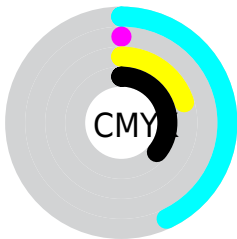
Blue (51%)



Red (36%)

Yellow (54%)

Blue (64%)

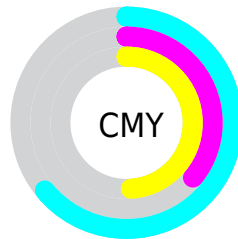


Cyan (43%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7081, 30.1602, 26.1501 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 21.7081, 30.1602, 26.1501 by changing the saturation by 10% instead.

■ 21.7081, 30.1602,
26.1501

■ 21.7081, 30.1602,
26.1501

253.6792,
302.6505, 297.1470

■ 13.7580, 19.9602,
16.7092

■ 45.7455, 59.9154,
54.5040

■ 8.0331, 12.3661,
9.8676

■ 62.5635, 80.2395,
74.2542

■ 4.1681, 6.9935,
5.2068

■ 83.0682, 104.7070,
98.2778

■ 1.7977, 3.4581,
2.3083

■ 107.6249,
133.7024, 126.9934

■ 0.5163, 1.3753,
0.7358

136.5990,
167.6100, 160.8196

■ 0.0000, 0.1984,
0.0000

170.3559,

■ 0.0000, 0.0000,

206.8143, 200.1749

0.0000

209.2608,
251.6997, 245.4779

■ 21.7081, 30.1602,
26.1501

■ 21.7081, 30.1602,
26.1501

■ 19.7439, 29.2047,
23.5162

■ 24.0619, 31.3140,
28.9932

■ 18.1436, 28.4319,
21.0845

■ 26.8243, 32.6733,
32.0482

■ 16.8821, 27.8297,
18.8502


■ 30.0156, 34.2493,
35.3205


■ 15.9297, 27.3829,
16.8077


■ 33.6544, 36.0516,
38.8147


■ 15.2513, 27.0736,
14.9511

■ 37.7578, 38.0889,
42.5349

 14.8793, 26.9081,
13.7478

 42.3422, 40.3696,
46.4856

 47.4232, 42.9015,
50.6706

 53.0155, 45.6924,
55.0941

 59.1334, 48.7493,
59.7598

Harmonies

Analogous

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



23.6557, 30.1602, 18.5095



21.7081, 30.1602, 26.1501



21.5112, 30.1602, 37.7258

Triad

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



21.7081, 30.1602, 26.1501



30.3253, 30.1602, 60.8412



35.0767, 30.1602, 19.8078

Complementary

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



21.7081, 30.1602, 26.1501



22.7212, 17.0966, 21.5055

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.



37.2546, 30.1602, 28.3942



21.7081, 30.1602, 26.1501



34.3389, 30.1602, 53.1320

Square

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



21.7081, 30.1602, 26.1501



26.2241, 30.1602, 59.8201



36.9722, 30.1602, 40.5818



31.2557, 30.1602, 15.5070

Rectangle

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



21.7081, 30.1602, 26.1501



22.3732, 30.1602, 46.4488



36.9722, 30.1602, 40.5818



36.0411, 30.1602, 22.1875

Sweetspot

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



21.7089, 30.1614, 26.1508



53.5728, 61.2461, 63.0745



23.6290, 31.3963, 15.1710



11.7460, 13.6141, 13.8799



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.7089, 30.1614, 26.1508



35.3522, 52.2983, 42.1052



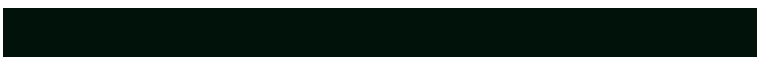
23.8127, 30.3461, 39.2541



7.1388, 7.9563, 8.3427



11.5867, 20.9210, 10.8060



0.2670, 0.4490, 0.3508

Inverse Universe

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



22.7212, 17.0966, 21.5055



37.4217, 25.6317, 32.6404



21.2032, 16.8221, 12.4858



7.2021, 7.1373, 8.0508



12.7355, 6.4502, 5.7975



0.2914, 0.1450, 0.2470

Previews

White Background



This preview shows how the XYZ color 21.7081, 30.1602, 26.1501 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 21.7081, 30.1602, 26.1501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

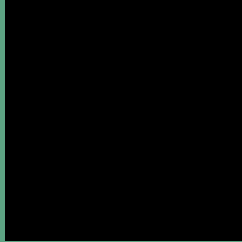
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 21.7081, 30.1602, 26.1501

Background



This preview shows how black text looks on a background with the XYZ color 21.7081, 30.1602, 26.1501.



This preview shows how white text looks on a background with the XYZ color 21.7081, 30.1602,

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

21.7081, 30.1602, 26.1501

Protanopia

28.1326, 29.8031, 23.3386

Deuteranopia

30.3441, 29.7190, 27.0587



Tritanopia

25.0761, 30.2396, 42.5454

Trichromacy



Original Color

21.7081, 30.1602, 26.1501

Protanomaly

25.0535, 29.3831, 24.4297

Deuteranomaly

26.1939, 29.1966, 26.8092

Tritanomaly

23.7171, 30.1946, 36.0306

Monochromacy



Original Color

21.7081, 30.1602, 26.1501

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.8329, 26.7543, 26.8823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7081, 30.1602, 26.1501 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(93, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(93, 163, 131)  
}
```

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(93, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 163, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.7081, 30.1602, 26.1501 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(93, 163, 131) }
```


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

```
.border{ border-color:rgb(93, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(93, 163,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7081, 30.1602, 26.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 163, 131) }
```

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

```
.background{ background-color: rgb(93, 163,  
131) }
```

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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