

Converting Colors

XYZ(21.0596, 29.3027, 26.0267)

Have a look what the booklet for
XYZ(21.0596, 29.3027, 26.0267)
contains.

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Color

**XYZ(21.0581, 29.3021,
26.0187)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA183
RGB	90, 161, 131
RGB Percent	35%, 63%, 51%
CMY	0.6470, 0.3686, 0.4863
CMYK	0.44, 0.00, 0.19, 0.37
HSL	155°, 28%, 49%
HSV	155°, 44%, 63%
XYZ	21.0581, 29.3021, 26.0187
YIQ	136.3510, -32.6860, -24.3820

Conversions

Conversions Part 2

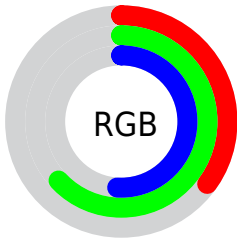
Format	Color
R_{YB}	90, 135, 161
Decimal	5939587
CIE _{Lab}	61.05, -29.55, 8.73
CIE _{LCh}	61, 30.813, 163.540
Yxy	29.3021, 0.2757, 0.3836
Android (android.graphics.Color)	4284129667 (0xFF5AA183)
YUV	136.3510, -2.6380, -40.6498
Hunter-Lab	54.1314, -25.2902, 9.3938

Details

The XYZ color **21.0581, 29.3021, 26.0187** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.7453, 16.2463, 19.7604**, and the grayscale version is **23.5525, 24.7790, 26.9843**.

A 20% lighter version of the original color is **44.7092, 58.5017, 54.2829**, and **7.7192, 11.9215, 9.8769** is the 20% darker color. If you saturate the color by 10%, you get **19.2125, 28.4030, 23.6042**, and if you desaturate by 10%, it is **23.2748, 30.3906, 28.6099**.

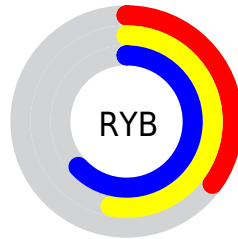
Distribution



Red (35%)

Green (63%)

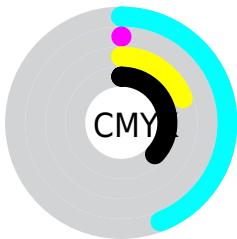
Blue (51%)



Red (35%)

Yellow (53%)

Blue (63%)

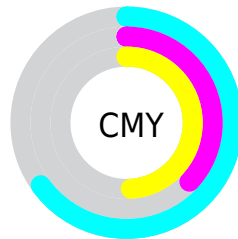


Cyan (44%)

Magenta (0%)

Yellow (19%)

Black (37%)



Cyan (65%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0581, 29.3021, 26.0187 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 21.0581, 29.3021, 26.0187 by changing the saturation by 10% instead.

■ 21.0581, 29.3021,
26.0187

■ 21.0581, 29.3021,
26.0187

250.3130,
298.6377, 296.4823

■ 13.2792, 19.3095,
16.6117

■ 44.6748, 58.5567,
54.2896

■ 7.6994, 11.8941,
9.7990

■ 61.2432, 78.5875,
73.9906

■ 3.9534, 6.6716,
5.1621

■ 81.4722, 102.7331,
97.9600

■ 1.6758, 3.2576,
2.2823

■ 105.7271,
131.3780, 126.6163

■ 0.4410, 1.2676,
0.7213

134.3733,
164.9065, 160.3782

■ 0.0000, 0.1159,
0.0000

167.7761,

■ 0.0000, 0.0000,

203.7030, 199.6641

0.0000

206.3009,
248.1519, 244.8926

■ 21.0581, 29.3021,
26.0187

■ 21.0581, 29.3021,
26.0187

■ 19.2125, 28.4030,
23.6042

■ 23.2748, 30.3906,
28.6099

■ 17.7130, 27.6780,
21.3604

■ 25.8809, 31.6754,
31.3797

■ 16.5349, 27.1155,
19.2836


■ 28.8963, 33.1677,
34.3325


■ 15.6492, 26.7003,
17.3692


■ 32.3388, 34.8765,
37.4720


■ 15.0213, 26.4149,
15.6124


■ 36.2253, 36.8104,
40.8016

 14.7199, 26.2806,
14.6458

 40.5714, 38.9774,
44.3247

 45.3923, 41.3853,
48.0446

 50.7023, 44.0415,
51.9645

 56.5151, 46.9528,
56.0875

Harmonies

Analogous

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



22.8445, 29.3021, 18.3655



21.0581, 29.3021, 26.0187



20.9734, 29.3021, 37.3906

Triad

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



21.0581, 29.3021, 26.0187



29.7055, 29.3021, 58.7234



33.8567, 29.3021, 18.9245

Complementary

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



21.0581, 29.3021, 26.0187



21.7453, 16.2463, 19.7604

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.



36.0879, 29.3021, 26.9841



21.0581, 29.3021, 26.0187



33.5396, 29.3021, 50.8567

Square

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



21.0581, 29.3021, 26.0187



25.7115, 29.3021, 58.2848



35.9665, 29.3021, 38.6182



30.1055, 29.3021, 14.9982

Rectangle

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



21.0581, 29.3021, 26.0187



21.8761, 29.3021, 45.8115



35.9665, 29.3021, 38.6182



34.8248, 29.3021, 21.1429

Sweetspot

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



21.0589, 29.3033, 26.0194



52.2453, 59.6444, 61.9516



22.4438, 30.2773, 14.3346



11.1937, 12.9498, 13.3369



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.0589, 29.3033, 26.0194



34.4377, 50.8804, 42.3147



22.5837, 28.6146, 38.0525



7.1489, 7.9604, 8.3960



11.7765, 20.9970, 11.8056



0.2704, 0.4504, 0.3687

Inverse Universe

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



21.7453, 16.2463, 19.7604



35.8355, 24.4048, 29.6528



20.6126, 16.4525, 11.7627



7.1922, 7.1333, 7.9983



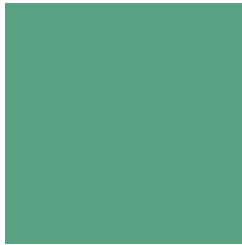
12.5925, 6.3930, 5.0445



0.2880, 0.1437, 0.2291

Previews

White Background



This preview shows how the XYZ color 21.0581, 29.3021, 26.0187 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 21.0581, 29.3021, 26.0187 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 21.0581, 29.3021, 26.0187

Background



This preview shows how black text looks on a background with the XYZ color 21.0581, 29.3021, 26.0187.



This preview shows how white text looks on a background with the XYZ color 21.0581, 29.3021,

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

21.0581, 29.3021, 26.0187

Protanopia

27.2434, 28.8830, 23.2079

Deuteranopia

29.4151, 28.7984, 26.9300



Tritanopia

24.2119, 29.3134, 41.4277

Trichromacy



Original Color

21.0581, 29.3021, 26.0187

Protanomaly

24.2574, 28.4908, 24.2994

Deuteranomaly

25.3742, 28.3043, 26.6802

Tritanomaly

22.9671, 29.3071, 35.4567

Monochromacy



Original Color

21.0581, 29.3021, 26.0187

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.0362, 25.8940, 26.3909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0581, 29.3021, 26.0187 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(90, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(90, 161, 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(90, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 161, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.0581, 29.3021, 26.0187 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(90, 161, 131) }
```


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

```
.border{ border-color:rgb(90, 161, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 161, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(90, 161,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0581, 29.3021, 26.0187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 161, 131) }
```

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

```
.background{ background-color: rgb(90, 161,  
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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