

Converting Colors

XYZ(20.8883, 29.5787, 26.7011)

Have a look what the booklet for
XYZ(20.8883, 29.5787, 26.7011)
contains.

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Color

**XYZ(20.8101, 29.4189,
26.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	54A285
RGB	84, 162, 133
RGB Percent	33%, 64%, 52%
CMY	0.6706, 0.3647, 0.4784
CMYK	0.48, 0.00, 0.18, 0.36
HSL	158°, 32%, 48%
HSV	158°, 48%, 64%
XYZ	20.8101, 29.4189, 26.7719
YIQ	135.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

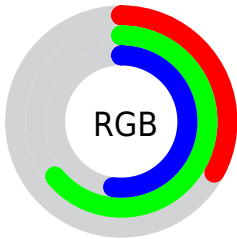
Format	Color
R_{YB}	84, 132, 162
Decimal	5546629
CIE _{Lab}	61.15, -31.18, 7.72
CIE _{LCh}	61, 32.125, 166.094
Yxy	29.4189, 0.2703, 0.3821
Android (android.graphics.Color)	4283736709 (0xFF54A285)
YUV	135.3720, -1.1694, -45.0532
Hunter-Lab	54.2392, -26.4330, 8.7025

Details

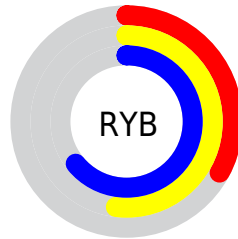
The XYZ color **20.8101, 29.4189, 26.7719** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.0522, 15.2150, 17.4511**, and the grayscale version is **23.1821, 24.3894, 26.5600**.

A 20% lighter version of the original color is **44.1570, 58.5742, 55.4330**, and **7.5893, 12.0094, 10.1017** is the 20% darker color. If you saturate the color by 10%, you get **19.1203, 28.5952, 24.5828**, and if you desaturate by 10%, it is **22.8608, 30.4274, 29.1038**.

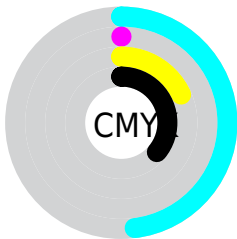
Distribution



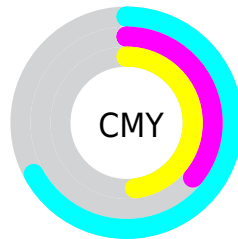
- Red (33%)
- Green (64%)
- Blue (52%)



- Red (33%)
- Yellow (52%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8101, 29.4189, 26.7719 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 20.8101, 29.4189, 26.7719 by changing the saturation by 10% instead.

■ 20.8101, 29.4189,
26.7719

■ 20.8101, 29.4189,
26.7719

249.0184,
299.1863, 300.2762

■ 13.0969, 19.3979,
17.1711

■ 44.2649, 58.7420,
55.5169

■ 7.5728, 11.9582,
10.1933

■ 60.7373, 78.8129,
75.4982

■ 3.8723, 6.7152,
5.4200

■ 80.8601, 103.0026,
99.7766

■ 1.6302, 3.2846,
2.4327

■ 104.9988,
131.6954, 128.7708

■ 0.4119, 1.2821,
0.8042

■ 133.5185,
165.2758, 162.8994

■ 0.0000, 0.1273,
0.0000

166.7848,

■ 0.0000, 0.0000,

204.1282, 202.5807

0.0000

205.1630,
248.6369, 248.2335

■ 20.8101, 29.4189,
26.7719

■ 20.8101, 29.4189,
26.7719

■ 19.1203, 28.5952,
24.5828

■ 22.8608, 30.4274,
29.1038

■ 17.7650, 27.9406,
22.5313

■ 25.2915, 31.6282,
31.5794

■ 16.7182, 27.4423,
20.6146


■ 28.1229, 33.0327,
34.2024


■ 15.9487, 27.0843,
18.8291


■ 31.3733, 34.6503,
36.9755


■ 15.4008, 26.8380,
17.1700


■ 35.0601, 36.4900,
39.9015

 15.3076, 26.7964,
16.8757

 39.1995, 38.5600,
42.9828

 43.8069, 40.8683,
46.2222

 48.8970, 43.4223,
49.6219

 54.4837, 46.2293,
53.1845

Harmonies

Analogous

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



22.5201, 29.4189, 18.4826



20.8101, 29.4189, 26.7719



20.8759, 29.4189, 38.9063

Triad

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



20.8101, 29.4189, 26.7719



30.2690, 29.4189, 59.9060



33.9665, 29.4189, 18.0517

Complementary

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



20.8101, 29.4189, 26.7719



21.0522, 15.2150, 17.4511

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.



36.4930, 29.4189, 26.0196



20.8101, 29.4189, 26.7719



34.2162, 29.4189, 50.9730

Square

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



20.8101, 29.4189, 26.7719



26.0591, 29.4189, 60.2548



36.5888, 29.4189, 37.9400



29.9549, 29.4189, 14.3725

Rectangle

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



20.8101, 29.4189, 26.7719



21.9114, 29.4189, 47.7422



36.5888, 29.4189, 37.9400



35.0345, 29.4189, 20.2128

Sweetspot

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



20.8109, 29.4201, 26.7726



53.2514, 61.0593, 64.0112



21.4479, 30.0527, 13.0583



11.6940, 13.5813, 14.1457



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.



20.8109, 29.4201, 26.7726



34.4493, 51.7842, 44.2597



21.5535, 27.2443, 38.3065



7.1639, 7.9664, 8.4747



12.0806, 21.1186, 13.4068



0.2755, 0.4524, 0.3959

Inverse Universe

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



21.0522, 15.2150, 17.4511



34.9546, 22.8083, 25.3107



20.4245, 16.1685, 10.4323



7.1776, 7.1275, 7.9216



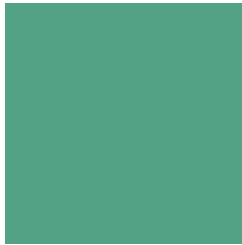
12.4057, 6.3183, 4.0610



0.2830, 0.1417, 0.2030

Previews

White Background



This preview shows how the XYZ color 20.8101, 29.4189, 26.7719 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 20.8101, 29.4189, 26.7719 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 20.8101, 29.4189, 26.7719

Background



This preview shows how black text looks on a background with the XYZ color 20.8101, 29.4189, 26.7719.



This preview shows how white text looks on a background with the XYZ color 20.8101, 29.4189,

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

20.8101, 29.4189, 26.7719

Protanopia

27.3070, 28.9085, 23.5427

Deuteranopia

29.4982, 29.0447, 27.7184



Tritanopia

23.9288, 29.3959, 42.4430

Trichromacy



Original Color

20.8101, 29.4189, 26.7719

Protanomaly

24.1778, 28.6821, 24.6840

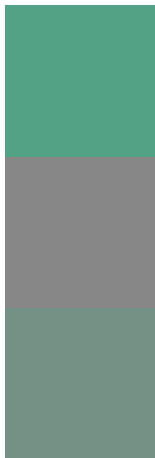
Deuteranomaly

25.1831, 28.4234, 27.4515

Tritanomaly

22.7004, 29.4043, 36.3774

Monochromacy



Original Color

20.8101, 29.4189, 26.7719

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.6309, 25.6850, 26.3719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8101, 29.4189, 26.7719 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(84, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(84, 162, 133)  
}
```

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(84, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 162, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.8101, 29.4189, 26.7719 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(84, 162, 133) }
```


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

```
.border{ border-color:rgb(84, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(84, 162,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8101, 29.4189, 26.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 162, 133) }
```

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

```
.background{ background-color: rgb(84, 162,  
133) }
```

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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