

Converting Colors

XYZ(20.6125, 27.9558, 13.6869)

Have a look what the booklet for
XYZ(20.6125, 27.9558, 13.6869)
contains.

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Color

**XYZ(20.7619, 28.1430,
13.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	739C59
RGB	115, 156, 89
RGB Percent	45%, 61%, 35%
CMY	0.5490, 0.3882, 0.6510
CMYK	0.26, 0.00, 0.43, 0.39
HSL	97°, 27%, 48%
HSV	97°, 43%, 61%
XYZ	20.7619, 28.1430, 13.7891
YIQ	136.1030, -2.9290, -29.5290

Conversions

Conversions Part 2

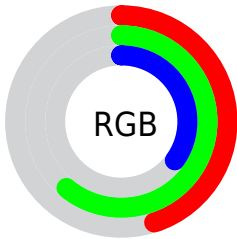
Format	Color
R_{YB}	89, 156, 130
Decimal	7576665
CIE _{Lab}	60.02, -26.54, 30.63
CIE _{LCh}	60, 40.527, 130.907
Yxy	28.1430, 0.3312, 0.4489
Android (android.graphics.Color)	4285766745 (0xFF739C59)
YUV	136.1030, -23.2218, -18.5073
Hunter-Lab	53.0500, -22.9788, 21.7239

Details

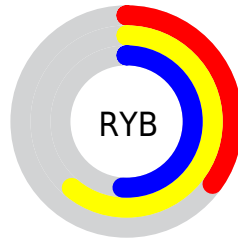
The XYZ color **20.7619, 28.1430, 13.7891** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.7802, 14.2917, 33.2227**, and the grayscale version is **23.5261, 24.7512, 26.9541**.

A 20% lighter version of the original color is **44.1763, 56.8068, 33.4474**, and **7.4649, 11.1507, 3.8567** is the 20% darker color. If you saturate the color by 10%, you get **18.9841, 27.2952, 10.6413**, and if you desaturate by 10%, it is **22.8100, 29.1158, 17.6754**.

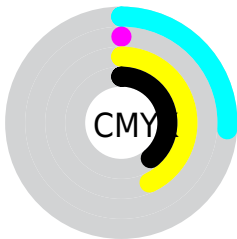
Distribution



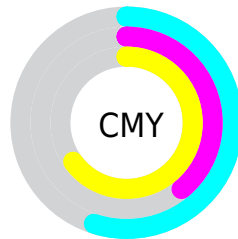
- Red (45%)
- Green (61%)
- Blue (35%)



- Red (35%)
- Yellow (61%)
- Blue (51%)



- Cyan (26%)
- Magenta (0%)
- Yellow (43%)
- Black (39%)



- Cyan (55%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7619, 28.1430, 13.7891 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 20.7619, 28.1430, 13.7891 by changing the saturation by 10% instead.

■ 20.7619, 28.1430,
13.7891

■ 20.7619, 28.1430,
13.7891

248.7661,
293.1496, 227.2975

■ 13.0615, 18.4335,
7.8371

■ 44.1852, 56.7127,
33.4261

■ 7.5482, 11.2617,
3.9046

■ 60.6389, 76.3416,
47.9481

■ 3.8566, 6.2431,
1.5731

■ 80.7410, 100.0458,
66.1638

■ 1.6213, 2.9935,
0.2715

■ 104.8569,
128.2097, 88.4918

■ 0.4063, 1.1283,
0.0000

■ 133.3521,
161.2176, 115.3507

■ 0.0000, 0.0020,
0.0000

166.5917,

■ 0.0000, 0.0000,

199.4539, 147.1589

0.0000

204.9413,
243.3032, 184.3349

■ 20.7619, 28.1430,
13.7891

■ 20.7619, 28.1430,
13.7891

■ 18.9841, 27.2952,
10.6413

■ 22.8100, 29.1158,
17.6754

■ 17.4618, 26.5633,
8.1834

■ 25.1381, 30.2151,
22.3410

■ 16.1815, 25.9422,
6.3639


■ 27.7580, 31.4471,
27.8261


■ 15.1278, 25.4253,
5.1231

■ 30.6802, 32.8162,
34.1673


■ 14.2825, 25.0049,
4.3903


■ 33.9145, 34.3268,
41.3992

 13.7849, 24.7554,
4.0517

 37.4703, 35.9831,
49.5545

 41.3567, 37.7889,
58.6640

 45.5822, 39.7482,
68.7573

 50.1551, 41.8646,
79.8628

Harmonies

Analogous

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



24.9147, 28.1430, 10.3481



20.7619, 28.1430, 13.7891



18.4233, 28.1430, 22.2535

Triad

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



20.7619, 28.1430, 13.7891



23.6320, 28.1430, 66.1179



37.7267, 28.1430, 25.5732

Complementary

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



20.7619, 28.1430, 13.7891



18.7802, 14.2917, 33.2227

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.



37.2673, 28.1430, 40.9134



20.7619, 28.1430, 13.7891



28.6713, 28.1430, 67.8873

Square

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



20.7619, 28.1430, 13.7891



19.9271, 28.1430, 53.2799



33.7890, 28.1430, 57.5378



34.9735, 28.1430, 15.5438

Rectangle

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



20.7619, 28.1430, 13.7891



18.0017, 28.1430, 31.0949



33.7890, 28.1430, 57.5378



37.9510, 28.1430, 30.1954

Sweetspot

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



20.7626, 28.1442, 13.7897



50.2592, 57.0415, 50.2074



23.3912, 23.5435, 12.7631



10.8331, 12.4454, 10.5679



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.7626, 28.1442, 13.7897



34.4550, 49.5621, 19.2860



18.1067, 26.7410, 15.2018



6.7820, 7.5203, 7.0798



11.3906, 20.4088, 3.3389



0.2494, 0.3885, 0.0618

Inverse Universe

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



18.7802, 14.2917, 33.2227



30.3303, 20.8494, 59.5525



22.7325, 16.3930, 30.5268



6.6547, 6.6260, 8.3349



8.9097, 4.0221, 26.2140



0.2056, 0.0958, 0.4709

Previews

White Background



This preview shows how the XYZ color 20.7619, 28.1430, 13.7891 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 20.7619, 28.1430, 13.7891 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 20.7619, 28.1430, 13.7891

Background



This preview shows how black text looks on a background with the XYZ color 20.7619, 28.1430, 13.7891.



This preview shows how white text looks on a background with the XYZ color 20.7619, 28.1430,

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

20.7619, 28.1430, 13.7891

Protanopia

25.7135, 27.8715, 12.6188

Deuteranopia

28.2978, 27.8515, 14.2403



Tritanopia

25.5393, 28.1535, 37.3458

Trichromacy



Original Color

20.7619, 28.1430, 13.7891

Protanomaly

23.4249, 27.6025, 12.8973

Deuteranomaly

25.0061, 27.6989, 14.1537

Tritanomaly

23.3957, 27.9920, 26.7242

Monochromacy



Original Color

20.7619, 28.1430, 13.7891

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.0543, 25.5660, 21.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7619, 28.1430, 13.7891 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(115, 156, 89)` looks like.

```
.text, #text, p{  
    color:rgb(115, 156, 89)  
}
```

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(115, 156, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 156, 89) }
```

Border

The CSS property to change the border of an element to XYZ 20.7619, 28.1430, 13.7891 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(115, 156, 89) }
```


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

```
.border{ border-color:rgb(115, 156, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 156, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 156, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 156, 89);  
box-shadow:4px 4px 4px 4px rgb(115, 156,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7619, 28.1430, 13.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 156, 89) }
```

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

```
.background{ background-color: rgb(115,  
156, 89) }
```

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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