

Converting Colors

XYZ(20.7151, 27.4581, 18.4742)

Have a look what the booklet for
XYZ(20.7151, 27.4581, 18.4742)
contains.

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Color

**XYZ(20.6928, 27.5089,
18.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9A6C
RGB	110, 154, 108
RGB Percent	43%, 60%, 42%
CMY	0.5686, 0.3961, 0.5765
CMYK	0.29, 0.00, 0.30, 0.40
HSL	117°, 19%, 51%
HSV	117°, 30%, 60%
XYZ	20.6928, 27.5089, 18.4065
YIQ	135.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

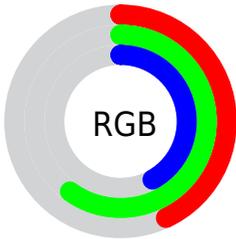
Format	Color
RYB	108, 154, 152
Decimal	7248492
CIELab	59.44, -24.39, 19.49
CIELCh	59, 31.221, 141.379
Yxy	27.5089, 0.3107, 0.4130
Android (android.graphics.Color)	4285438572 (0xFF6E9A6C)
YUV	135.6000, -13.6068, -22.4512
Hunter-Lab	52.4489, -21.3616, 15.9069

Details

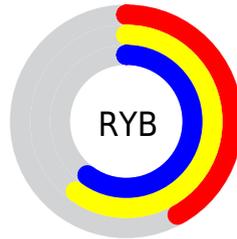
The XYZ color **20.6928, 27.5089, 18.4065** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1454, 19.7344, 33.1098**, and the grayscale version is **23.3051, 24.5188, 26.7010**.

A 20% lighter version of the original color is **44.2499, 55.9255, 41.7202**, and **7.5293, 10.9874, 5.9989** is the 20% darker color. If you saturate the color by 10%, you get **18.2617, 26.3429, 14.3858**, and if you desaturate by 10%, it is **23.5749, 28.8922, 23.2053**.

Distribution



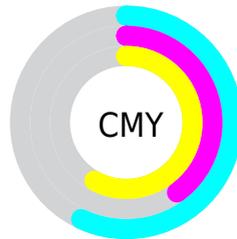
- Red (43%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (57%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6928, 27.5089, 18.4065 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 20.6928, 27.5089, 18.4065 by changing the saturation by 10% instead.

■ 20.6928, 27.5089,
18.4065

■ 20.6928, 27.5089,
18.4065

248.4041,
290.1128, 255.4650

■ 13.0108, 17.9558,
11.0698

■ 44.0708, 55.6994,
41.5520

■ 7.5130, 10.9183,
5.9990

■ 60.4976, 75.1056,
58.1979

■ 3.8341, 6.0119,
2.7757

■ 80.5700, 98.5650,
78.7839

■ 1.6087, 2.8523,
0.9813

■ 104.6534,
126.4618, 103.7286

■ 0.3981, 1.0551,
0.0000

133.1132,
159.1807, 133.4506

■ 0.0000, 0.0000,
0.0000

166.3146,

197.1058, 168.3682

204.6232,
240.6217, 208.9002

■ 20.6928, 27.5089,
18.4065

■ 20.6928, 27.5089,
18.4065

■ 18.2617, 26.3429,
14.3858

■ 23.5749, 28.8922,
23.2053

■ 16.2568, 25.3800,
11.1004

■ 26.9268, 30.4995,
28.8182

■ 14.6540, 24.6095,
8.5066

■ 30.7691, 32.3412,
35.2811

■ 13.4263, 24.0185,
6.5547

■ 35.1204, 34.4262,
42.6274

■ 12.5431, 23.5925,
5.1890

■ 39.9982, 36.7631,
50.8886

■ 11.9691, 23.3147,
4.3440

■ 45.4195, 39.3597,
60.0945

■ 11.6434, 23.1571,
3.8618

■ 51.4002, 42.2238,
70.2738

■ 11.6399, 23.1555,
3.8560

■ 57.9558, 45.3626,
81.4538

■ 65.1009, 48.7833,
93.6609

Harmonies

Analogous

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



23.4960, 27.5089, 14.0230



20.6928, 27.5089, 18.4065



19.3849, 27.5089, 26.8344

Triad

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



20.6928, 27.5089, 18.4065



25.0337, 27.5089, 56.7380



33.8048, 27.5089, 22.7580

Complementary

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



20.6928, 27.5089, 18.4065



24.1454, 19.7344, 33.1098

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.



34.3215, 27.5089, 33.3032



20.6928, 27.5089, 18.4065



28.9889, 27.5089, 54.8601

Square

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



20.6928, 27.5089, 18.4065



21.7219, 27.5089, 50.1613



32.4827, 27.5089, 45.5322



31.1343, 27.5089, 16.0640

Rectangle

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



20.6928, 27.5089, 18.4065



19.4365, 27.5089, 34.4126



32.4827, 27.5089, 45.5322



34.2461, 27.5089, 25.8955

Sweetspot

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



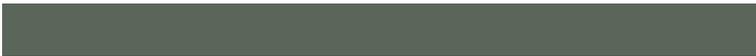
20.6935, 27.5101, 18.4071



49.3652, 55.6193, 53.1081



27.2140, 30.3133, 18.6045



10.9710, 12.4921, 11.6808



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.



20.6935, 27.5101, 18.4071



34.4776, 48.4785, 28.2839



21.6834, 27.8776, 24.9034



6.1558, 6.9378, 6.6205



9.4910, 18.8686, 3.1418



0.1477, 0.2851, 0.0472

Inverse Universe

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



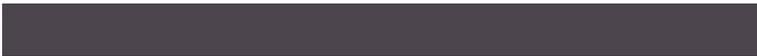
24.1454, 19.7344, 33.1098



41.8038, 31.9661, 59.5031



22.9443, 19.2976, 24.8155



6.4347, 6.3100, 7.8078



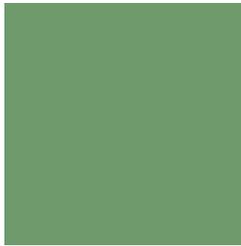
14.6082, 6.9819, 25.4854



0.2254, 0.1080, 0.3813

Previews

White Background



This preview shows how the XYZ color 20.6928, 27.5089, 18.4065 looks on a white background.

Color Contrast Check

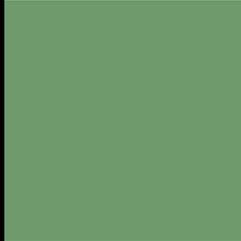
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6928, 27.5089, 18.4065 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 20.6928, 27.5089, 18.4065

Background



This preview shows how black text looks on a background with the XYZ color 20.6928, 27.5089, 18.4065.



This preview shows how white text looks on a background with the XYZ color 20.6928, 27.5089,

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

20.6928, 27.5089, 18.4065

Protanopia

25.2581, 27.0976, 16.7311

Deuteranopia

27.8066, 27.2767, 19.1286



Tritanopia

24.2995, 27.2926, 36.7882

Trichromacy



Original Color

20.6928, 27.5089, 18.4065

Protanomaly

23.1452, 26.8961, 17.3362

Deuteranomaly

24.5458, 26.9036, 18.9381

Tritanomaly

22.8424, 27.4191, 28.8994

Monochromacy



Original Color

20.6928, 27.5089, 18.4065

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.3408, 25.6633, 23.5147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6928, 27.5089, 18.4065 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(110, 154, 108)` looks like.

```
.text, #text, p{  
    color:rgb(110, 154, 108)  
}
```

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(110, 154, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 154, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.6928, 27.5089, 18.4065 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(110, 154, 108) }
```

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

```
.border{ border-color:rgb(110, 154, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 154, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 154, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 154, 108);  
box-shadow:4px 4px 4px 4px rgb(110, 154,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6928, 27.5089, 18.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 154, 108) }
```

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

```
.background{ background-color: rgb(110,  
154, 108) }
```

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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