

Converting Colors

XYZ(20.5527, 27.0991, 18.8537)

Have a look what the booklet for
XYZ(20.5527, 27.0991, 18.8537)
contains.

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Color

**XYZ(20.6361, 27.2233,
18.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	6E996E
RGB	110, 153, 110
RGB Percent	43%, 60%, 43%
CMY	0.5686, 0.4000, 0.5686
CMYK	0.28, 0.00, 0.28, 0.40
HSL	120°, 17%, 52%
HSV	120°, 28%, 60%
XYZ	20.6361, 27.2233, 18.9188
YIQ	135.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

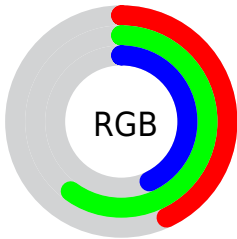
Format	Color
R_{YB}	110, 153, 153
Decimal	7248238
CIE _{Lab}	59.18, -23.54, 18.02
CIE _{LCh}	59, 29.644, 142.566
Y _{xy}	27.2233, 0.3090, 0.4077
Android (android.graphics.Color)	4285438318 (0xFF6E996E)
YUV	135.2410, -12.4438, -22.1364
Hunter-Lab	52.1760, -20.7094, 15.0248

Details

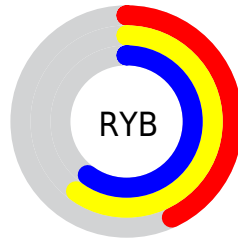
The XYZ color **20.6361, 27.2233, 18.9188** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.4635, 20.2246, 32.7525**, and the grayscale version is **23.1672, 24.3736, 26.5429**.

A 20% lighter version of the original color is **44.1817, 55.5069, 42.5677**, and **7.5453, 10.8426, 6.2526** is the 20% darker color. If you saturate the color by 10%, you get **18.1320, 26.0213, 14.8224**, and if you desaturate by 10%, it is **23.6142, 28.6546, 23.7894**.

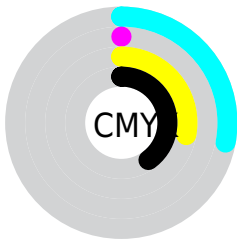
Distribution



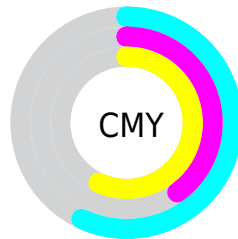
- Red (43%)
- Green (60%)
- Blue (43%)



- Red (43%)
- Yellow (60%)
- Blue (60%)



- Cyan (28%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6361, 27.2233, 18.9188 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 20.6361, 27.2233, 18.9188 by changing the saturation by 10% instead.

■ 20.6361, 27.2233,
18.9188

■ 20.6361, 27.2233,
18.9188

248.1067,
288.7367, 258.4079

■ 12.9692, 17.7410,
11.4354

■ 43.9770, 55.2420,
42.4317

■ 7.4842, 10.7642,
6.2427

■ 60.3817, 74.5472,
59.2983

■ 3.8157, 5.9085,
2.9220

■ 80.4296, 97.8954,
80.1297

■ 1.5984, 2.7895,
1.0550

■ 104.4863,
125.6711, 105.3445

■ 0.3914, 1.0229,
0.0000

132.9170,
158.2587, 135.3611

■ 0.0000, 0.0000,
0.0000

166.0870,

196.0426, 170.5982

204.3618,
239.4071, 211.4743

■ 20.6361, 27.2233,
18.9188

■ 20.6361, 27.2233,
18.9188

■ 18.1320, 26.0213,
14.8224

■ 23.6142, 28.6546,
23.7894

■ 16.0755, 25.0334,
11.4586

■ 27.0867, 30.3227,
29.4693

■ 14.4409, 24.2483,
8.7849

■ 31.0755, 32.2387,
35.9936

■ 13.1989, 23.6517,
6.7534

■ 35.6003, 34.4122,
43.3947

■ 12.3167, 23.2279,
5.3102

■ 40.6801, 36.8523,
51.7035

■ 11.7558, 22.9585,
4.3928

■ 46.3327, 39.5675,
60.9493

■ 11.4440, 22.8087,
3.8827

■ 52.5753, 42.5661,
71.1600

■ 11.3918, 22.7836,
3.7974

■ 59.4242, 45.8560,
82.3624

■ 66.8952, 49.4447,
94.5824

Harmonies

Analogous

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



23.2445, 27.2233, 14.5488



20.6361, 27.2233, 18.9188



19.4531, 27.2233, 27.0873

Triad

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



20.6361, 27.2233, 18.9188



24.9670, 27.2233, 54.7256



33.0017, 27.2233, 22.5024

Complementary

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



20.6361, 27.2233, 18.9188



24.4635, 20.2246, 32.7525

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.



33.5741, 27.2233, 32.3515



20.6361, 27.2233, 18.9188



28.6966, 27.2233, 52.6661

Square

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



20.6361, 27.2233, 18.9188



21.7942, 27.2233, 48.8996



31.9329, 27.2233, 43.8011



30.4357, 27.2233, 16.2483

Rectangle

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



20.6361, 27.2233, 18.9188



19.5445, 27.2233, 34.2897



31.9329, 27.2233, 43.8011



33.4430, 27.2233, 25.4336

Sweetspot

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



20.6368, 27.2245, 18.9194



48.4720, 54.2851, 52.7167



27.3438, 30.6821, 19.2330



10.4975, 11.8879, 11.3041



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6368, 27.2245, 18.9194



33.9184, 47.2942, 28.9117



21.9531, 27.7510, 25.8510



6.1322, 6.9256, 6.6194



9.4147, 18.8293, 3.1383



0.1408, 0.2815, 0.0469

Inverse Universe

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



24.4635, 20.2246, 32.7525



41.9768, 32.5536, 58.0421



22.8444, 19.5769, 24.2262



6.4612, 6.3237, 7.8090



15.6093, 7.4979, 25.5311



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 20.6361, 27.2233, 18.9188 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 20.6361, 27.2233, 18.9188 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 20.6361, 27.2233, 18.9188

Background



This preview shows how black text looks on a background with the XYZ color 20.6361, 27.2233, 18.9188.



This preview shows how white text looks on a background with the XYZ color 20.6361, 27.2233,

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

20.6361, 27.2233, 18.9188

Protanopia

25.1717, 27.0413, 17.2574

Deuteranopia

27.3585, 26.8226, 19.6549



Tritanopia

24.2130, 27.2580, 36.3329

Trichromacy



Original Color

20.6361, 27.2233, 18.9188

Protanomaly

23.2493, 26.9377, 17.8840

Deuteranomaly

24.3307, 26.5580, 19.4666

Tritanomaly

22.7576, 27.1310, 29.2367

Monochromacy



Original Color

20.6361, 27.2233, 18.9188

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0431, 25.2880, 23.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6361, 27.2233, 18.9188 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, 153, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 153, 110)  
}
```

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, 153, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 153, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.6361, 27.2233, 18.9188 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, 153, 110) }
```


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

```
.border{ border-color:rgb(110, 153, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 153, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 153, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 153, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 153,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6361, 27.2233, 18.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 153, 110) }
```

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

```
.background{ background-color: rgb(110,  
153, 110) }
```

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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