

Converting Colors

XYZ(20.8256, 26.4979, 20.3017)

Have a look what the booklet for
XYZ(20.8256, 26.4979, 20.3017)
contains.

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Color

**XYZ(20.8109, 26.5612,
20.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	719673
RGB	113, 150, 115
RGB Percent	44%, 59%, 45%
CMY	0.5569, 0.4118, 0.5490
CMYK	0.25, 0.00, 0.23, 0.41
HSL	123°, 15%, 52%
HSV	123°, 25%, 59%
XYZ	20.8109, 26.5612, 20.2496
YIQ	134.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

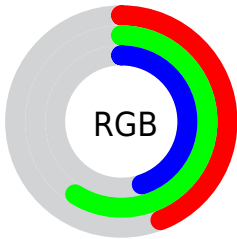
Format	Color
RYB	113, 148, 150
Decimal	7444083
CIELab	58.57, -20.04, 14.40
CIElCh	59, 24.681, 144.302
Yxy	26.5612, 0.3078, 0.3928
Android (android.graphics.Color)	4285634163 (0xFF719673)
YUV	134.9470, -9.8339, -19.2475
Hunter-Lab	51.5376, -18.1123, 12.7807

Details

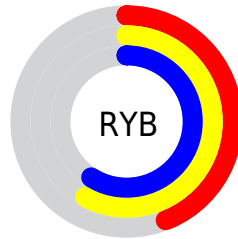
The XYZ color **20.8109, 26.5612, 20.2496** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.8290, 20.4330, 30.7062**, and the grayscale version is **23.0482, 24.2485, 26.4066**.

A 20% lighter version of the original color is **44.0850, 53.9751, 44.6539**, and **7.5893, 10.4189, 6.9212** is the 20% darker color. If you saturate the color by 10%, you get **18.2837, 25.3463, 16.1923**, and if you desaturate by 10%, it is **23.7843, 27.9931, 24.9850**.

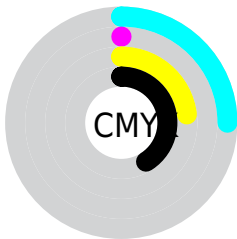
Distribution



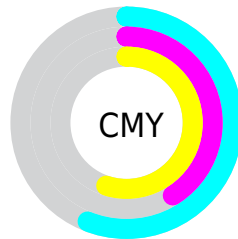
- Red (44%)
- Green (59%)
- Blue (45%)



- Red (44%)
- Yellow (58%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8109, 26.5612, 20.2496 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 20.8109, 26.5612, 20.2496 by changing the saturation by 10% instead.

■ 20.8109, 26.5612,
20.2496

■ 20.8109, 26.5612,
20.2496

249.0226,
285.5262, 265.9120

■ 13.0975, 17.2439,
12.3907

■ 44.2663, 54.1789,
44.6997

■ 7.5732, 10.4086,
6.8846

■ 60.7389, 73.2482,
62.1281

■ 3.8726, 5.6707,
3.3127

■ 80.8621, 96.3369,
83.5833

■ 1.6303, 2.6459,
1.2564

■ 105.0011,
123.8295, 109.4840

■ 0.4120, 0.9498,
0.0257

133.5213,
156.1103, 140.2486

■ 0.0000, 0.0000,
0.0000

166.7881,

193.5638, 176.2958

205.1667,
236.5743, 218.0441

■ 20.8109, 26.5612,
20.2496

■ 20.8109, 26.5612,
20.2496

■ 18.2837, 25.3463,
16.1923

■ 23.7843, 27.9931,
24.9850

■ 16.1791, 24.3347,
12.7805

■ 27.2216, 29.6482,
30.4257

■ 14.4746, 23.5162,
9.9814

■ 31.1423, 31.5368,
36.5996

■ 13.1450, 22.8786,
7.7588

■ 35.5641, 33.6675,
43.5324

■ 12.1618, 22.4080,
6.0724

■ 40.5039, 36.0484,
51.2487

■ 11.4928, 22.0889,
4.8771

■ 45.9776, 38.6872,
59.7720

■ 11.0981, 21.9018,
4.1201

■ 52.0006, 41.5914,
69.1246

■ 10.9513, 21.8315,
3.8696

■ 58.5876, 44.7681,
79.3283

■ 65.7528, 48.2242,
90.4038

Harmonies

Analogous

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



22.9269, 26.5612, 16.2414



20.8109, 26.5612, 20.2496



19.8894, 26.5612, 27.2983

Triad

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



20.8109, 26.5612, 20.2496



24.6726, 26.5612, 48.8624



30.9258, 26.5612, 22.5930

Complementary

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



20.8109, 26.5612, 20.2496



23.8290, 20.4330, 30.7062

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.



31.4863, 26.5612, 30.6060



20.8109, 26.5612, 20.2496



27.7156, 26.5612, 46.9120

Square

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



20.8109, 26.5612, 20.2496



22.0018, 26.5612, 44.6659



30.2694, 26.5612, 39.7691



28.7936, 26.5612, 17.3932

Rectangle

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



20.8109, 26.5612, 20.2496



20.0189, 26.5612, 33.2336



30.2694, 26.5612, 39.7691



31.3110, 26.5612, 24.9979

Sweetspot

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



20.8116, 26.5623, 20.2502



46.4614, 51.5609, 51.2020



26.1280, 29.3162, 19.9045



10.2266, 11.3929, 11.2366



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.8116, 26.5623, 20.2502



33.9913, 45.5588, 31.3530



21.9750, 27.0277, 26.3767



5.7416, 6.4732, 6.2499



9.0863, 18.1073, 3.2299



0.1137, 0.2226, 0.0528

Inverse Universe

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



23.8290, 20.4330, 30.7062



40.3194, 32.7021, 53.2795



22.4894, 19.8971, 23.6520



6.0219, 5.9038, 7.2216



14.4781, 6.9963, 21.7965



0.1805, 0.0870, 0.2843

Previews

White Background



This preview shows how the XYZ color 20.8109, 26.5612, 20.2496 looks on a white background.

Color Contrast Check

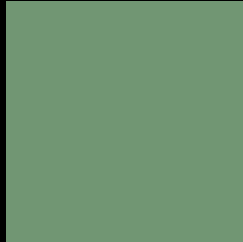
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8109, 26.5612, 20.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

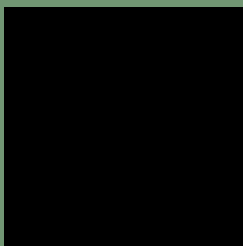
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8109, 26.5612, 20.2496

Background



This preview shows how black text looks on a background with the XYZ color 20.8109, 26.5612, 20.2496.



This preview shows how white text looks on a background with the XYZ color 20.8109, 26.5612,

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

20.8109, 26.5612, 20.2496

Protanopia

24.5870, 26.2715, 18.5269

Deuteranopia

26.8343, 26.3173, 20.8050



Tritanopia

23.8719, 26.6442, 35.3371

Trichromacy



Original Color

20.8109, 26.5612, 20.2496

Protanomaly

23.0512, 26.3506, 19.2005

Deuteranomaly

24.0906, 25.9698, 20.5726

Tritanomaly

22.5776, 26.5724, 29.1383

Monochromacy



Original Color

20.8109, 26.5612, 20.2496

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0268, 24.8267, 24.0532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8109, 26.5612, 20.2496 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(113, 150, 115)` looks like.

```
.text, #text, p{  
    color:rgb(113, 150, 115)  
}
```

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(113, 150, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 150, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.8109, 26.5612, 20.2496 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(113, 150, 115) }
```


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

```
.border{ border-color:rgb(113, 150, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 150, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 150, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 150, 115);  
box-shadow:4px 4px 4px 4px rgb(113, 150,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8109, 26.5612, 20.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 150, 115) }
```

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

```
.background{ background-color: rgb(113,  
150, 115) }
```

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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