

Converting Colors

XYZ(20.9623, 23.0367, 17.4743)

Have a look what the booklet for
XYZ(20.9623, 23.0367, 17.4743)
contains.

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Color

**XYZ(20.9258, 22.9261,
17.5096)**

Conversions

Conversions Part 1

Format	Color
Hex	86856C
RGB	134, 133, 108
RGB Percent	53%, 52%, 42%
CMY	0.4745, 0.4784, 0.5765
CMYK	0.00, 0.01, 0.19, 0.47
HSL	58°, 11%, 47%
HSV	58°, 19%, 53%
XYZ	20.9258, 22.9261, 17.5096
YIQ	130.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

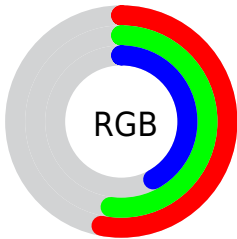
Format	Color
R_{YB}	109, 134, 108
Decimal	8815980
CIE Lab	55.00, -4.10, 13.65
CIE LCh	55, 14.251, 106.733
Yxy	22.9261, 0.3410, 0.3736
Android (android.graphics.Color)	4287006060 (0xFF86856C)
YUV	130.4490, -11.0674, 3.1142
Hunter-Lab	47.8812, -5.7812, 11.8352

Details

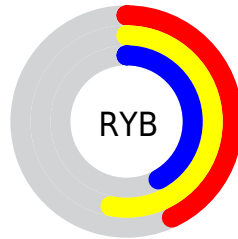
The XYZ color **20.9258, 22.9261, 17.5096** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.9560, 15.8463, 24.7720**, and the grayscale version is **21.4136, 22.5288, 24.5339**.

A 20% lighter version of the original color is **44.3976, 48.2207, 40.2252**, and **7.6421, 8.5517, 5.5228** is the 20% darker color. If you saturate the color by 10%, you get **20.1969, 22.5230, 14.0145**, and if you desaturate by 10%, it is **21.7659, 23.3757, 21.5832**.

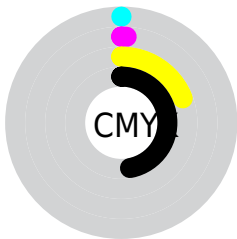
Distribution



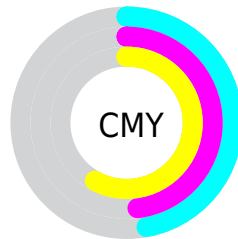
- Red (53%)
- Green (52%)
- Blue (42%)



- Red (43%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9258, 22.9261, 17.5096 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 20.9258, 22.9261, 17.5096 by changing the saturation by 10% instead.

■ 20.9258, 22.9261,
17.5096

■ 20.9258, 22.9261,
17.5096

249.6231,
267.3452, 250.2348

■ 13.1819, 14.5389,
10.4327

■ 44.4562, 48.2720,
40.0025

■ 7.6318, 8.4965,
5.5774

■ 60.9735, 65.9994,
56.2556

■ 3.9101, 4.4142,
2.5253

■ 81.1459, 87.6092,
76.4044

■ 1.6514, 1.9079,
0.8535

■ 105.3389,
113.4855, 100.8677

■ 0.4255, 0.5531,
0.0000

133.9177,
144.0129, 130.0638

■ 0.0000, 0.0000,
0.0000

167.2478,

179.5757, 164.4113

205.6945,
220.5584, 204.3288

■ 20.9258, 22.9261,
17.5096

■ 20.9258, 22.9261,
17.5096

■ 20.1969, 22.5230,
14.0145

■ 21.7659, 23.3757,
21.5832

■ 19.5723, 22.1615,
11.0702

■ 22.7201, 23.8708,
26.2584

■ 19.0474, 21.8404,
8.6488

■ 23.7934, 24.4140,
31.5588

■ 18.6163, 21.5573,
6.7194

■ 24.9899, 25.0071,
37.5066

■ 18.2724, 21.3097,
5.2480

■ 26.3135, 25.6516,
44.1224

■ 18.0086, 21.0946,
4.1963

■ 27.7682, 26.3490,
51.4264

■ 17.8163, 20.9087,
3.5194

■ 29.3575, 27.1009,
59.4375

■ 17.6722, 20.7427,
3.0953

■ 31.0849, 27.9085,
68.1742

■ 17.6638, 20.7329,
3.0709

■ 32.9538, 28.7733,
77.6542

Harmonies

Analogous

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



22.4967, 22.9261, 17.4021



20.9258, 22.9261, 17.5096



19.6482, 22.9261, 19.4511

Triad

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



20.9258, 22.9261, 17.5096



19.7699, 22.9261, 31.8645



24.8899, 22.9261, 27.0174

Complementary

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



20.9258, 22.9261, 17.5096



15.9560, 15.8463, 24.7720

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.



24.0833, 22.9261, 31.4278



20.9258, 22.9261, 17.5096



21.0994, 22.9261, 34.4463

Square

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



20.9258, 22.9261, 17.5096



19.0033, 22.9261, 27.5578



22.6788, 22.9261, 34.2774



24.8379, 22.9261, 22.5357

Rectangle

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



20.9258, 22.9261, 17.5096



19.1118, 22.9261, 21.6746



22.6788, 22.9261, 34.2774



24.7086, 22.9261, 28.5674

Sweetspot

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



20.9264, 22.9271, 17.5101



38.8765, 41.4617, 40.6023



17.9708, 16.9043, 16.8688



8.7392, 9.3308, 9.0527



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.9264, 22.9271, 17.5101



36.3197, 40.0937, 28.2030



19.3006, 22.2926, 17.4733



5.0248, 5.3933, 5.0055



16.5554, 19.4333, 2.8784



0.0585, 0.0697, 0.0104

Inverse Universe

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



15.9560, 15.8463, 24.7720



26.0070, 25.4025, 43.2709



17.3700, 16.4183, 24.8079



4.4477, 4.5711, 5.8486



4.0867, 1.7213, 21.2535



0.0150, 0.0077, 0.0739

Previews

White Background



This preview shows how the XYZ color 20.9258, 22.9261, 17.5096 looks on a white background.

Color Contrast Check

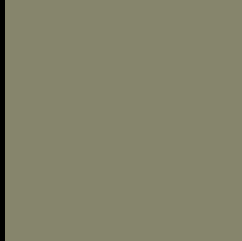
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9258, 22.9261, 17.5096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

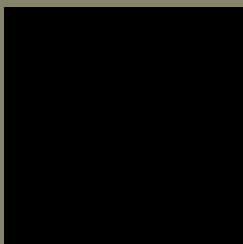
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9258, 22.9261, 17.5096

Background



This preview shows how black text looks on a background with the XYZ color 20.9258, 22.9261, 17.5096.



This preview shows how white text looks on a background with the XYZ color 20.9258, 22.9261,

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

20.9258, 22.9261, 17.5096

Protanopia

21.4176, 22.7831, 17.1787

Deuteranopia

23.2986, 22.9583, 17.6714



Tritanopia

22.9917, 22.9679, 27.6475

Trichromacy



Original Color

20.9258, 22.9261, 17.5096

Protanomaly

21.2216, 22.8824, 17.2082

Deuteranomaly

22.2876, 22.8244, 17.6989

Tritanomaly

22.1954, 22.8421, 23.6612

Monochromacy



Original Color

20.9258, 22.9261, 17.5096

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.9892, 22.4630, 21.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9258, 22.9261, 17.5096 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(134, 133, 108)` looks like.

```
.text, #text, p{  
    color:rgb(134, 133, 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(134, 133, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 133, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.9258, 22.9261, 17.5096 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(134, 133, 108) }
```


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

```
.border{ border-color:rgb(134, 133, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 133, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 133, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 133, 108);  
box-shadow:4px 4px 4px 4px rgb(134, 133,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9258, 22.9261, 17.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 133, 108) }
```

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

```
.background{ background-color: rgb(134,  
133, 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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