

Converting Colors

XYZ(21.5722, 26.0645, 7.9020)

Have a look what the booklet for
XYZ(21.5722, 26.0645, 7.9020)
contains.

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Color

**XYZ(21.5366, 26.0453,
7.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	8B913A
RGB	139, 145, 58
RGB Percent	55%, 57%, 23%
CMY	0.4549, 0.4314, 0.7725
CMYK	0.04, 0.00, 0.60, 0.43
HSL	64°, 43%, 40%
HSV	64°, 60%, 57%
XYZ	21.5366, 26.0453, 7.8951
YIQ	133.2880, 24.3510, -28.3290

Conversions

Conversions Part 2

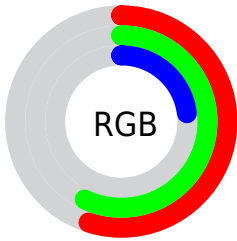
Format	Color
RYB	58, 145, 64
Decimal	9146682
CIELab	58.08, -14.49, 44.32
CIELCh	58, 46.632, 108.098
Yxy	26.0453, 0.3882, 0.4695
Android (android.graphics.Color)	4287336762 (0xFF8B913A)
YUV	133.2880, -37.1170, 5.0094
Hunter-Lab	51.0346, -13.9835, 26.5520

Details

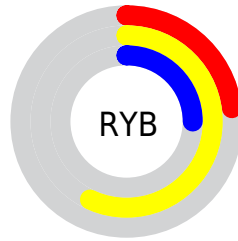
The XYZ color **21.5366, 26.0453, 7.8951** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.7391, 6.1610, 27.5183**, and the grayscale version is **22.5249, 23.6980, 25.8071**.

A 20% lighter version of the original color is **45.4319, 53.4203, 22.3846**, and **7.9409, 10.1672, 1.6014** is the 20% darker color. If you saturate the color by 10%, you get **21.0524, 25.8334, 6.2108**, and if you desaturate by 10%, it is **22.1275, 26.3020, 10.1278**.

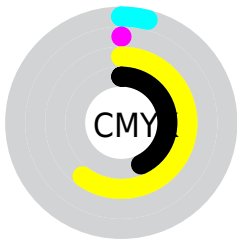
Distribution



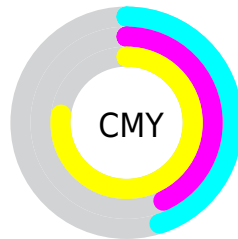
- Red (55%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (25%)



- Cyan (4%)
- Magenta (0%)
- Yellow (60%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5366, 26.0453, 7.8951 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 21.5366, 26.0453, 7.8951 by changing the saturation by 10% instead.

■ 21.5366, 26.0453,
7.8951

■ 21.5366, 26.0453,
7.8951

252.7947,
283.0044, 184.8107

■ 13.6315, 16.8575,
3.9411

■ 45.4635, 53.3480,
22.2953

■ 7.9448, 10.1330,
1.5931

■ 62.2159, 72.2318,
33.5786

■ 4.1112, 5.4872,
0.2859

■ 82.6483, 95.1163,
48.1420

■ 1.7652, 2.5359,
0.0000

■ 107.1258,
122.3860, 66.4042

■ 0.4966, 0.8945,
0.0000

■ 136.0138,
154.4252, 88.7836

■ 0.0000, 0.0000,
0.0000

■ 169.6777,

191.6185, 115.6988

208.4829,
234.3500, 147.5683

■ 21.5366, 26.0453,
7.8951

■ 21.5366, 26.0453,
7.8951

■ 21.0524, 25.8334,
6.2108

■ 22.1275, 26.3020,
10.1278

■ 20.6641, 25.6590,
5.0261

■ 22.8312, 26.6030,
12.9491

■ 20.3617, 25.5192,
4.2860

■ 23.6554, 26.9525,
16.3972

■ 20.1172, 25.4027,
3.8429

■ 24.6068, 27.3530,
20.5069

■ 20.1172, 25.4027,
3.8429

■ 25.6914, 27.8069,
25.3102

■ 26.9150, 28.3166,
30.8371

■ 28.2829, 28.8843,
37.1157

■ 29.8002, 29.5118,
44.1730

■ 31.4717, 30.2012,
52.0341

Harmonies

Analogous

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



27.0601, 26.0453, 7.5303



21.5366, 26.0453, 7.8951



17.5285, 26.0453, 12.2615

Triad

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



21.5366, 26.0453, 7.8951



18.1954, 26.0453, 58.3290



36.9567, 26.0453, 35.2592

Complementary

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



21.5366, 26.0453, 7.8951



8.7391, 6.1610, 27.5183

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.



33.7369, 26.0453, 54.5727



21.5366, 26.0453, 7.8951



22.5852, 26.0453, 70.9038

Square

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



21.5366, 26.0453, 7.8951



15.8110, 26.0453, 39.1438



28.2797, 26.0453, 69.3149



36.5617, 26.0453, 19.7627

Rectangle

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



21.5366, 26.0453, 7.8951



15.9943, 26.0453, 18.2788



28.2797, 26.0453, 69.3149



36.2434, 26.0453, 41.5948

Sweetspot

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



21.5372, 26.0465, 7.8956



44.3635, 49.1076, 38.0339



14.2638, 9.9702, 5.1759



9.7621, 10.8796, 7.9924



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.5372, 26.0465, 7.8956



37.4372, 46.1441, 10.2820



15.6825, 23.0283, 7.6216



5.8033, 6.2667, 5.7931



17.2630, 21.7920, 3.2964



0.1722, 0.2120, 0.0319

Inverse Universe

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



8.7391, 6.1610, 27.5183



12.4184, 7.2234, 48.7133



12.7243, 8.2154, 27.7048



5.1619, 5.2717, 6.7742



4.5005, 1.8137, 23.0900



0.0485, 0.0202, 0.2210

Previews

White Background



This preview shows how the XYZ color 21.5366, 26.0453, 7.8951 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 21.5366, 26.0453, 7.8951 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 21.5366, 26.0453, 7.8951

Background



This preview shows how black text looks on a background with the XYZ color 21.5366, 26.0453, 7.8951.



This preview shows how white text looks on a background with the XYZ color 21.5366, 26.0453,

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

21.5366, 26.0453, 7.8951

Protanopia

23.6095, 26.0103, 7.5175

Deuteranopia

26.4906, 26.0071, 8.1811



Tritanopia

26.2834, 26.0108, 31.2391

Trichromacy



Original Color

21.5366, 26.0453, 7.8951

Protanomaly

22.8059, 26.0310, 7.6934

Deuteranomaly

24.4859, 25.8053, 8.1053

Tritanomaly

24.0042, 25.7228, 19.9195

Monochromacy



Original Color

21.5366, 26.0453, 7.8951

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5389, 24.0828, 17.1489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5366, 26.0453, 7.8951 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(139, 145, 58)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 58)  
}
```

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(139, 145, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 58) }
```

Border

The CSS property to change the border of an element to XYZ 21.5366, 26.0453, 7.8951 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(139, 145, 58) }
```


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

```
.border{ border-color:rgb(139, 145, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 145, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 145, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 145, 58);  
box-shadow:4px 4px 4px 4px rgb(139, 145,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5366, 26.0453, 7.8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 58) }
```

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

```
.background{ background-color: rgb(139,  
145, 58) }
```

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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