

Converting Colors

XYZ(20.6679, 23.5635, 21.9943)

Have a look what the booklet for
XYZ(20.6679, 23.5635, 21.9943)
contains.

XYZ(20.6269, 23.5074, 21.8626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.6269, 23.5074,
21.8626)**

Conversions

Conversions Part 1

Format	Color
Hex	7B897A
RGB	123, 137, 122
RGB Percent	48%, 54%, 48%
CMY	0.5176, 0.4627, 0.5216
CMYK	0.10, 0.00, 0.11, 0.46
HSL	116°, 6%, 51%
HSV	116°, 11%, 54%
XYZ	20.6269, 23.5074, 21.8626
YIQ	131.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

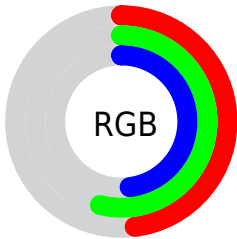
Format	Color
RYB	122, 137, 136
Decimal	8096122
CIELab	55.59, -8.11, 6.32
CIElCh	56, 10.283, 142.085
Yxy	23.5074, 0.3125, 0.3562
Android (android.graphics.Color)	4286286202 (0xFF7B897A)
YUV	131.1040, -4.4883, -7.1072
Hunter-Lab	48.4844, -8.9079, 7.2041

Details

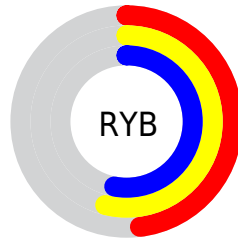
The XYZ color **20.6269, 23.5074, 21.8626** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6291, 20.9601, 26.5738**, and the grayscale version is **21.6275, 22.7538, 24.7789**.

A 20% lighter version of the original color is **43.9579, 49.1130, 47.2073**, and **7.4348, 8.7533, 7.6010** is the 20% darker color. If you saturate the color by 10%, you get **18.1260, 22.3101, 17.6224**, and if you desaturate by 10%, it is **23.4878, 24.8778, 26.7454**.

Distribution



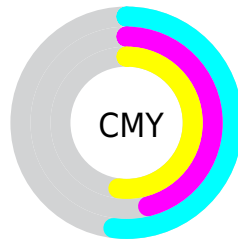
- Red (48%)
- Green (54%)
- Blue (48%)



- Red (48%)
- Yellow (54%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6269, 23.5074, 21.8626 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 20.6269, 23.5074, 21.8626 by changing the saturation by 10% instead.

■ 20.6269, 23.5074,
21.8626

■ 20.6269, 23.5074,
21.8626

248.0584,
270.3205, 274.7580

■ 12.9625, 14.9686,
13.5586

■ 43.9617, 49.2251,
47.4181

■ 7.4795, 8.7974,
7.6791

■ 60.3628, 67.1729,
65.5067

■ 3.8127, 4.6092,
3.8055

■ 80.4069, 89.0258,
87.6938

■ 1.5967, 2.0199,
1.5193

104.4592,
115.1681, 114.3982

■ 0.3903, 0.6190,
0.2322

132.8851,
145.9844, 146.0382

■ 0.0000, 0.0000,
0.0000

166.0501,

181.8589, 183.0325

204.3194,
223.1762, 225.7996

■ 20.6269, 23.5074,
21.8626

■ 20.6269, 23.5074,
21.8626

■ 18.1260, 22.3101,
17.6224

■ 23.4878, 24.8778,
26.7454

■ 15.9689, 21.2761,
13.9966

■ 26.7202, 26.4247,
32.2944

■ 14.1412, 20.3992,
10.9571

■ 30.3373, 28.1550,
38.5338

■ 12.6267, 19.6719,
8.4732

■ 34.3512, 30.0746,
45.4863

■ 11.4077, 19.0857,
6.5114

■ 38.7736, 32.1888,
53.1732

■ 10.4650, 18.6314,
5.0343

■ 43.6155, 34.5031,
61.6155

■ 9.7767, 18.2987,
3.9998

■ 48.8875, 37.0223,
70.8327

■ 9.3179, 18.0759,
3.3587

■ 54.6000, 39.7516,
80.8442

■ 9.0604, 17.9511,
2.9874

■ 60.7629, 42.6954,
91.6682

Harmonies

Analogous

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



21.5138, 23.5074, 20.1140



20.6269, 23.5074, 21.8626



20.2030, 23.5074, 24.7248

Triad

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



20.6269, 23.5074, 21.8626



22.0369, 23.5074, 32.4685



24.4773, 23.5074, 23.2651

Complementary

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



20.6269, 23.5074, 21.8626



21.6291, 20.9601, 26.5738

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.



24.6292, 23.5074, 26.4866



20.6269, 23.5074, 21.8626



23.1934, 23.5074, 31.9923

Square

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



20.6269, 23.5074, 21.8626



20.9985, 23.5074, 30.9810



24.1519, 23.5074, 29.7310



23.7439, 23.5074, 20.8734

Rectangle

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



20.6269, 23.5074, 21.8626



20.2294, 23.5074, 26.9583



24.1519, 23.5074, 29.7310



24.5991, 23.5074, 24.2796

Sweetspot

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



20.6275, 23.5084, 21.8631



40.9217, 44.0044, 45.9457



22.6345, 24.3330, 21.9165



9.0903, 9.8277, 10.1545



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.6275, 23.5084, 21.8631



35.8350, 41.5688, 37.2753



20.9017, 23.6016, 24.0497



5.0007, 5.6231, 5.3742



8.4435, 16.7228, 2.7828



0.0596, 0.1129, 0.0187

Inverse Universe

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



21.6291, 20.9601, 26.5738



37.9776, 36.1171, 47.3528



21.3398, 20.8632, 24.1986



5.2015, 5.1123, 6.3185



12.4840, 5.9499, 22.5361



0.0875, 0.0419, 0.1499

Previews

White Background



This preview shows how the XYZ color 20.6269, 23.5074, 21.8626 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 20.6269, 23.5074, 21.8626 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

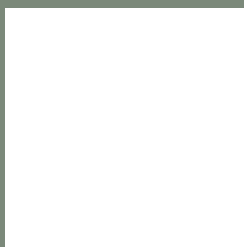
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6269, 23.5074, 21.8626

Background



This preview shows how black text looks on a background with the XYZ color 20.6269, 23.5074, 21.8626.



This preview shows how white text looks on a background with the XYZ color 20.6269, 23.5074,

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

20.6269, 23.5074, 21.8626

Protanopia

22.2589, 23.5344, 21.1387

Deuteranopia

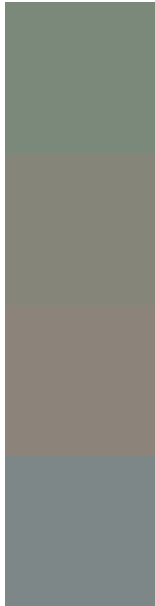
23.7517, 23.2831, 22.3110



Tritanopia

22.3115, 23.5758, 29.7602

Trichromacy



Original Color

20.6269, 23.5074, 21.8626

Protanomaly

21.6492, 23.4172, 21.4681

Deuteranomaly

22.5067, 23.2381, 22.0381

Tritanomaly

21.7121, 23.5411, 26.6921

Monochromacy



Original Color

20.6269, 23.5074, 21.8626

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1859, 22.9228, 23.7300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6269, 23.5074, 21.8626 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(123, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 122)  
}
```

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(123, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 122) }
```

Border

The CSS property to change the border of an element to XYZ 20.6269, 23.5074, 21.8626 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(123, 137, 122) }
```


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

```
.border{ border-color:rgb(123, 137, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6269, 23.5074, 21.8626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 122) }
```

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

```
.background{ background-color: rgb(123,  
137, 122) }
```

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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