

Converting Colors

XYZ(20.4315, 24.9227, 24.5680)

Have a look what the booklet for
XYZ(20.4315, 24.9227, 24.5680)
contains.

XYZ(20.3661, 24.8465, 24.4913)	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(20.3661, 24.8465,
24.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9081
RGB	110, 144, 129
RGB Percent	43%, 56%, 51%
CMY	0.5686, 0.4353, 0.4941
CMYK	0.24, 0.00, 0.10, 0.44
HSL	154°, 13%, 50%
HSV	154°, 24%, 56%
XYZ	20.3661, 24.8465, 24.4913
YIQ	132.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

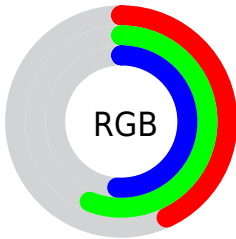
Format	Color
RYB	110, 132, 144
Decimal	7245953
CIELab	56.93, -15.14, 4.10
CIELCh	57, 15.681, 164.836
Yxy	24.8465, 0.2922, 0.3565
Android (android.graphics.Color)	4285436033 (0xFF6E9081)
YUV	132.1240, -1.5401, -19.4027
Hunter-Lab	49.8463, -14.2997, 5.7610

Details

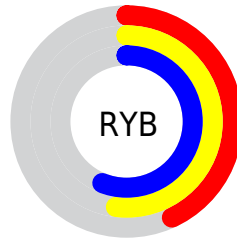
The XYZ color **20.3661, 24.8465, 24.4913** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7801, 18.5624, 21.8908**, and the grayscale version is **21.9868, 23.1318, 25.1905**.

A 20% lighter version of the original color is **43.5379, 51.4469, 51.8915**, and **7.3751, 9.5767, 9.0492** is the 20% darker color. If you saturate the color by 10%, you get **18.3088, 23.8339, 22.2588**, and if you desaturate by 10%, it is **22.7422, 26.0218, 26.8769**.

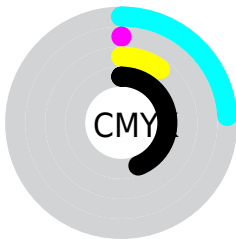
Distribution



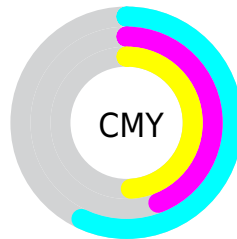
- Red (43%)
- Green (56%)
- Blue (51%)



- Red (43%)
- Yellow (52%)
- Blue (56%)



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3661, 24.8465, 24.4913 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 20.3661, 24.8465, 24.4913 by changing the saturation by 10% instead.

■ 20.3661, 24.8465,
24.4913

■ 20.3661, 24.8465,
24.4913

246.6862,
277.0726, 288.6611

■ 12.7712, 15.9627,
15.4829

■ 43.5294, 51.4081,
51.7846

■ 7.3471, 9.4978,
9.0086

■ 59.8286, 69.8547,
70.9066

■ 3.7284, 5.0673,
4.6499

■ 79.7599, 92.2577,
94.2368

■ 1.5496, 2.2868,
1.9882

■ 103.6887,
119.0015, 122.1939

■ 0.3592, 0.7667,
0.5480

131.9804,
150.4705, 155.1963

■ 0.0000, 0.0000,
0.0000

165.0003,

187.0491, 193.6626

203.1138,
229.1217, 238.0114

■ 20.3661, 24.8465,
24.4913

■ 20.3661, 24.8465,
24.4913

■ 18.3088, 23.8339,
22.2588

■ 22.7422, 26.0218,
26.8769

■ 16.5538, 22.9735,
20.1746

■ 25.4487, 27.3636,
29.4169

■ 15.0860, 22.2582,
18.2360

■ 28.4990, 28.8795,
32.1149

■ 13.8883, 21.6793,
16.4395

■ 31.9050, 30.5757,
34.9736

■ 12.9416, 21.2269,
14.7815

■ 35.6784, 32.4579,
37.9960

■ 12.2241, 20.8900,
13.2582

■ 39.8300, 34.5319,
41.1847

■ 11.7098, 20.6552,
11.8656

■ 44.3704, 36.8029,
44.5422

■ 11.4390, 20.5336,
11.0408

■ 49.3094, 39.2761,
48.0712

■ 54.6570, 41.9564,
51.7742

Harmonies

Analogous

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



21.2104, 24.8465, 20.4917



20.3661, 24.8465, 24.4913



20.3614, 24.8465, 29.7292

Triad

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



20.3661, 24.8465, 24.4913



24.5325, 24.8465, 38.0656



26.2119, 24.8465, 20.5257

Complementary

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



20.3661, 24.8465, 24.4913



20.7801, 18.5624, 21.8908

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.



27.1999, 24.8465, 24.5436



20.3661, 24.8465, 24.4913



26.1966, 24.8465, 34.8851

Square

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



20.3661, 24.8465, 24.4913



22.7033, 24.8465, 38.0468



27.1941, 24.8465, 29.7887



24.5525, 24.8465, 18.4126

Rectangle

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



20.3661, 24.8465, 24.4913



20.8320, 24.8465, 33.2576



27.1941, 24.8465, 29.7887



26.6373, 24.8465, 21.6735

Sweetspot

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



20.3668, 24.8475, 24.4919



43.1297, 47.3906, 50.2685



21.2899, 25.4560, 18.5436



9.8351, 10.8402, 11.4760



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.



20.3668, 24.8475, 24.4919



34.0511, 42.9015, 41.2085



21.1830, 24.7651, 30.0505



5.4611, 6.0767, 6.3940



9.9728, 17.8850, 9.6769



0.1065, 0.1754, 0.1510

Inverse Universe

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



20.7801, 18.5624, 21.8908



34.9031, 29.9510, 35.8509



20.0779, 18.5779, 17.2798



5.5015, 5.4611, 6.1391



10.8217, 5.4857, 4.7123



0.1143, 0.0568, 0.1019

Previews

White Background



This preview shows how the XYZ color 20.3661, 24.8465, 24.4913 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 20.3661, 24.8465, 24.4913 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 20.3661, 24.8465, 24.4913

Background



This preview shows how black text looks on a background with the XYZ color 20.3661, 24.8465, 24.4913.



This preview shows how white text looks on a background with the XYZ color 20.3661, 24.8465,

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

20.3661, 24.8465, 24.4913

Protanopia

23.4903, 24.7517, 22.9415

Deuteranopia

25.1786, 24.7478, 25.2795



Tritanopia

22.1318, 24.8942, 33.3443

Trichromacy



Original Color

20.3661, 24.8465, 24.4913

Protanomaly

22.2044, 24.7174, 23.3393

Deuteranomaly

23.0542, 24.4813, 24.9830

Tritanomaly

21.5171, 24.8703, 30.0519

Monochromacy



Original Color

20.3661, 24.8465, 24.4913

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.2131, 23.5321, 24.8968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3661, 24.8465, 24.4913 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, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(110, 144, 129)  
}
```

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, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 144, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.3661, 24.8465, 24.4913 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, 144, 129) }
```


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

```
.border{ border-color:rgb(110, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 144, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 144, 129);  
box-shadow:4px 4px 4px 4px rgb(110, 144,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3661, 24.8465, 24.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 144, 129) }
```

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

```
.background{ background-color: rgb(110,  
144, 129) }
```

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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