

Converting Colors

XYZ(20.7841, 24.4424, 38.7960)

Have a look what the booklet for
XYZ(20.7841, 24.4424, 38.7960)
contains.

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Color

**XYZ(20.8377, 24.5494,
38.7622)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8FA4
RGB	91, 143, 164
RGB Percent	36%, 56%, 64%
CMY	0.6431, 0.4392, 0.3569
CMYK	0.45, 0.13, 0.00, 0.36
HSL	197°, 29%, 50%
HSV	197°, 45%, 64%
XYZ	20.8377, 24.5494, 38.7622
YIQ	129.8460, -37.7330, -4.4930

Conversions

Conversions Part 2

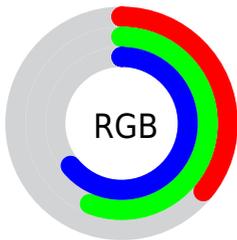
Format	Color
R_{YB}	91, 121, 164
Decimal	6000548
CIE _{Lab}	56.63, -11.59, -16.52
CIE _{LCh}	57, 20.175, 234.951
Yxy	24.5494, 0.2476, 0.2917
Android (android.graphics.Color)	4284190628 (0xFF5B8FA4)
YUV	129.8460, 16.8379, -34.0679
Hunter-Lab	49.5474, -11.6377, -11.7010

Details

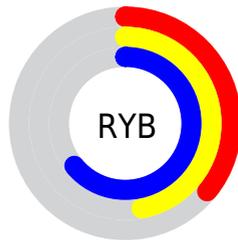
The XYZ color **20.8377, 24.5494, 38.7622** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9929, 20.2368, 12.5925**, and the grayscale version is **21.1163, 22.2160, 24.1933**.

A 20% lighter version of the original color is **44.4295, 51.0667, 74.5330**, and **7.6019, 9.3919, 16.7414** is the 20% darker color. If you saturate the color by 10%, you get **18.7010, 22.4191, 38.4641**, and if you desaturate by 10%, it is **23.3590, 26.9233, 39.0880**.

Distribution



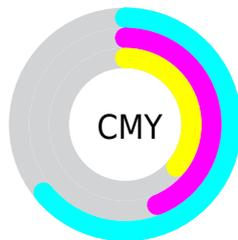
- Red (36%)
- Green (56%)
- Blue (64%)



- Red (36%)
- Yellow (47%)
- Blue (64%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8377, 24.5494, 38.7622 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 20.8377, 24.5494, 38.7622 by changing the saturation by 10% instead.

■ 20.8377, 24.5494,
38.7622

■ 20.8377, 24.5494,
38.7622

249.1628,
275.5864, 356.2741

■ 13.1172, 15.7417,
26.2684

■ 44.3106, 50.9253,
74.4912

■ 7.5869, 9.3415,
16.7970

■ 60.7937, 69.2622,
98.5635

■ 3.8813, 4.9646,
9.9294

■ 80.9283, 91.5443,
127.3324

■ 1.6352, 2.2265,
5.2472

■ 105.0799,
118.1560, 161.2164

■ 0.4152, 0.7344,
2.3317

133.6138,
149.4816, 200.6340

■ 0.0000, 0.0000,
0.7489

166.8954,

■ 0.0000, 0.0000,

185.9057, 246.0038

0.0000

205.2899,
227.8125, 297.7443

■ 20.8377, 24.5494,
38.7622

■ 20.8377, 24.5494,
38.7622

■ 18.7010, 22.4191,
38.4641

■ 23.3590, 26.9233,
39.0880

■ 16.9231, 20.5168,
38.1906

■ 26.2842, 29.5497,
39.4407

■ 15.4782, 18.8293,
37.9410

■ 29.6338, 32.4401,
39.8221

■ 14.3360, 17.3406,
37.7139

■ 33.4264, 35.6046,
40.2330

■ 13.4598, 16.0309,
37.5073

■ 37.6792, 39.0528,
40.6744

■ 13.0418, 15.3620,
37.4002

■ 42.4088, 42.7934,
41.1472

■ 47.6306, 46.8350,
41.6521

■ 53.3595, 51.1858,
42.1899

■ 59.6097, 55.8536,
42.7614

Harmonies

Analogous

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



19.4780, 24.5494, 32.5585



20.8377, 24.5494, 38.7622



22.9387, 24.5494, 41.7741

Triad

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



20.8377, 24.5494, 38.7622



28.1214, 24.5494, 27.8833



21.4819, 24.5494, 16.6448

Complementary

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



20.8377, 24.5494, 38.7622



22.9929, 20.2368, 12.5925

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.



23.7327, 24.5494, 15.8163



20.8377, 24.5494, 38.7622



27.6669, 24.5494, 21.6425

Square

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



20.8377, 24.5494, 38.7622



27.2245, 24.5494, 34.8565



26.0210, 24.5494, 17.4877



19.8320, 24.5494, 19.9765

Rectangle

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



20.8377, 24.5494, 38.7622



24.5167, 24.5494, 41.2548



26.0210, 24.5494, 17.4877



22.1890, 24.5494, 16.0907

Sweetspot

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



20.8385, 24.5503, 38.7628



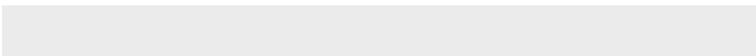
54.6160, 59.5828, 72.3744



20.4975, 29.9384, 19.9361



11.6402, 12.7718, 15.7892



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.8385, 24.5503, 38.7628



34.1281, 40.8822, 69.8446



16.2546, 15.3825, 37.2348



7.1032, 7.6653, 9.0082



10.0419, 11.8631, 28.6903



0.2483, 0.3238, 0.6153

Inverse Universe

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



24.0095, 17.3586, 28.0727



40.8084, 26.9290, 47.0557



27.8174, 29.8858, 14.2007



7.2770, 7.1673, 8.4453



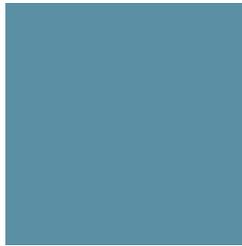
14.2141, 7.0417, 13.5842



0.3175, 0.1555, 0.3845

Previews

White Background



This preview shows how the XYZ color 20.8377, 24.5494, 38.7622 looks on a white background.

Color Contrast Check

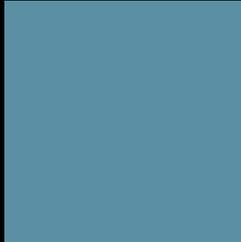
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8377, 24.5494, 38.7622 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

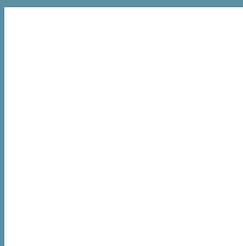
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8377, 24.5494, 38.7622

Background



This preview shows how black text looks on a background with the XYZ color 20.8377, 24.5494, 38.7622.



This preview shows how white text looks on a background with the XYZ color 20.8377, 24.5494,

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

20.8377, 24.5494, 38.7622

Protanopia

24.0567, 24.3441, 35.7787

Deuteranopia

24.8071, 24.2422, 39.4481



Tritanopia

20.0938, 24.4707, 35.1167

Trichromacy



Original Color

20.8377, 24.5494, 38.7622

Protanomaly

22.4933, 24.1424, 36.7321

Deuteranomaly

23.0669, 24.1765, 39.0481

Tritanomaly

20.4477, 24.6234, 36.4760

Monochromacy



Original Color

20.8377, 24.5494, 38.7622

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.7489, 22.9939, 28.9359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8377, 24.5494, 38.7622 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(91, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(91, 143, 164)  
}
```

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(91, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 143, 164) }
```

Border

The CSS property to change the border of an element to XYZ 20.8377, 24.5494, 38.7622 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(91, 143, 164) }
```

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

```
.border{ border-color:rgb(91, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(91, 143,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8377, 24.5494, 38.7622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 143, 164) }
```

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

```
.background{ background-color: rgb(91, 143,  
164) }
```

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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