

Converting Colors

XYZ(20.7443, 23.9134, 25.6152)

Have a look what the booklet for
XYZ(20.7443, 23.9134, 25.6152)
contains.

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Color

**XYZ(20.8024, 23.9406,
25.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	758B85
RGB	117, 139, 133
RGB Percent	46%, 55%, 52%
CMY	0.5412, 0.4549, 0.4784
CMYK	0.16, 0.00, 0.04, 0.45
HSL	164°, 9%, 50%
HSV	164°, 16%, 55%
XYZ	20.8024, 23.9406, 25.7149
YIQ	131.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

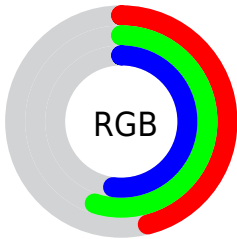
Format	Color
R_{YB}	117, 130, 139
Decimal	7703429
CIE _{Lab}	56.03, -9.15, 0.56
CIE _{LCh}	56, 9.164, 176.483
Yxy	23.9406, 0.2952, 0.3398
Android (android.graphics.Color)	4285893509 (0xFF758B85)
YUV	131.7380, 0.6222, -12.9252
Hunter-Lab	48.9291, -9.7361, 3.0903

Details

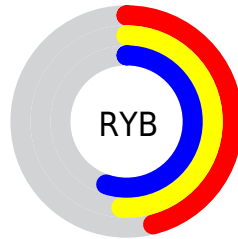
The XYZ color **20.8024, 23.9406, 25.7149** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5848, 19.6423, 21.4464**, and the grayscale version is **21.8391, 22.9764, 25.0213**.

A 20% lighter version of the original color is **44.2951, 50.1201, 53.7939**, and **7.5565, 9.0138, 9.7291** is the 20% darker color. If you saturate the color by 10%, you get **18.8145, 22.9462, 24.2793**, and if you desaturate by 10%, it is **23.0784, 25.0838, 27.2144**.

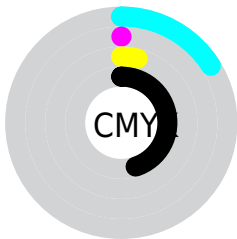
Distribution



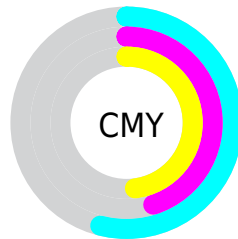
- Red (46%)
- Green (55%)
- Blue (52%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8024, 23.9406, 25.7149 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 20.8024, 23.9406, 25.7149 by changing the saturation by 10% instead.

■ 20.8024, 23.9406,
25.7149

■ 20.8024, 23.9406,
25.7149

248.9781,
272.5200, 294.9405

■ 13.0913, 15.2896,
16.3866

■ 44.2522, 49.9333,
53.7931

■ 7.5689, 9.0229,
9.6408

■ 60.7216, 68.0437,
73.3801

■ 3.8698, 4.7561,
5.0590

■ 80.8411, 90.0760,
97.2237

■ 1.6287, 2.1049,
2.2226

104.9761,
116.4146, 125.7425

■ 0.4110, 0.6674,
0.6874

133.4920,
147.4439, 159.3551

■ 0.0000, 0.0000,
0.0000

166.7540,

183.5483, 198.4799

205.1276,
225.1122, 243.5355

■ 20.8024, 23.9406,
25.7149

■ 20.8024, 23.9406,
25.7149

■ 18.8145, 22.9462,
24.2793

■ 23.0784, 25.0838,
27.2144

■ 17.1006, 22.0913,
22.9048

■ 25.6521, 26.3786,
28.7773

■ 15.6479, 21.3700,
21.5909

■ 28.5351, 27.8318,
30.4050

■ 14.4424, 20.7750,
20.3364

■ 31.7376, 29.4486,
32.0985

■ 13.4681, 20.2982,
19.1400

■ 35.2695, 31.2340,
33.8588

■ 12.7077, 19.9307,
18.0004

■ 39.1402, 33.1930,
35.6868

■ 12.1408, 19.6618,
16.9159

■ 43.3587, 35.3301,
37.5834

■ 11.7371, 19.4761,
15.8847

■ 47.9338, 37.6499,
39.5495

■ 11.5861, 19.4073,
15.4687

■ 52.8737, 40.1566,
41.5859

Harmonies

Analogous

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



21.1160, 23.9406, 23.0090



20.8024, 23.9406, 25.7149



20.9986, 23.9406, 28.7261

Triad

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



20.8024, 23.9406, 25.7149



23.6652, 23.9406, 31.5808



23.8856, 23.9406, 21.5462

Complementary

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



20.8024, 23.9406, 25.7149



20.5848, 19.6423, 21.4464

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.



24.6063, 23.9406, 23.5777



20.8024, 23.9406, 25.7149



24.4764, 23.9406, 29.3852

Square

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



20.8024, 23.9406, 25.7149



22.6315, 23.9406, 32.2615



24.8257, 23.9406, 26.4228



22.8786, 23.9406, 20.7214

Rectangle

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



20.8024, 23.9406, 25.7149



21.3955, 23.9406, 30.4798



24.8257, 23.9406, 26.4228



24.1706, 23.9406, 22.1026

Sweetspot

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



20.8031, 23.9416, 25.7154



41.6411, 45.0762, 48.9316



20.6461, 23.9788, 20.3703



9.5327, 10.3553, 11.2357



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.8031, 23.9416, 25.7154



35.9184, 42.2046, 45.1149



20.5545, 22.7617, 27.7374



5.1156, 5.6657, 6.1297



10.4639, 17.5182, 13.9996



0.0757, 0.1188, 0.1254

Inverse Universe

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



20.5848, 19.6423, 21.4464



35.4509, 32.9902, 35.9671



20.7901, 20.6359, 19.7174



5.0853, 5.0696, 5.5376



9.9309, 5.0825, 2.1405



0.0715, 0.0360, 0.0431

Previews

White Background



This preview shows how the XYZ color 20.8024, 23.9406, 25.7149 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 20.8024, 23.9406, 25.7149 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

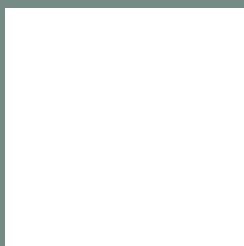
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8024, 23.9406, 25.7149

Background



This preview shows how black text looks on a background with the XYZ color 20.8024, 23.9406, 25.7149.



This preview shows how white text looks on a background with the XYZ color 20.8024, 23.9406,

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

20.8024, 23.9406, 25.7149

Protanopia

22.7333, 23.7051, 24.4965

Deuteranopia

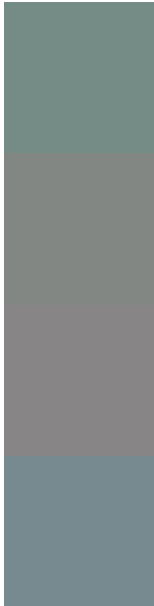
24.2099, 23.8255, 26.2445



Tritanopia

22.0367, 24.0225, 31.4923

Trichromacy



Original Color

20.8024, 23.9406, 25.7149

Protanomaly

21.9666, 23.7125, 24.8919

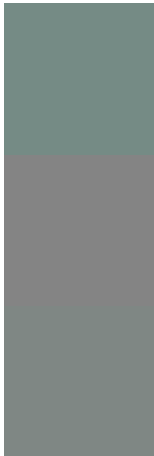
Deuteranomaly

22.6823, 23.6472, 25.9231

Tritanomaly

21.6542, 24.0821, 29.4936

Monochromacy



Original Color

20.8024, 23.9406, 25.7149

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5812, 23.5059, 25.2294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8024, 23.9406, 25.7149 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(117, 139, 133)` looks like.

```
.text, #text, p{  
    color:rgb(117, 139, 133)  
}
```

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(117, 139, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 139, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.8024, 23.9406, 25.7149 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(117, 139, 133) }
```


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

```
.border{ border-color:rgb(117, 139, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 139, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 139, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 139, 133);  
box-shadow:4px 4px 4px 4px rgb(117, 139,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8024, 23.9406, 25.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 139, 133) }
```

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

```
.background{ background-color: rgb(117,  
139, 133) }
```

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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