

Converting Colors

XYZ(20.3722, 24.0748, 26.8167)

Have a look what the booklet for
XYZ(20.3722, 24.0748, 26.8167)
contains.

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Color

**XYZ(20.3992, 24.1423,
26.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8D88
RGB	110, 141, 136
RGB Percent	43%, 55%, 53%
CMY	0.5686, 0.4470, 0.4667
CMYK	0.22, 0.00, 0.04, 0.45
HSL	170°, 12%, 49%
HSV	170°, 22%, 55%
XYZ	20.3992, 24.1423, 26.8773
YIQ	131.1610, -16.8710, -8.1270

Conversions

Conversions Part 2

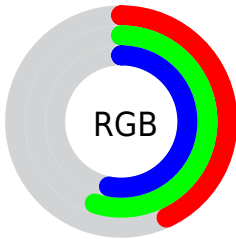
Format	Color
R _Y B	110, 127, 141
Decimal	7245192
CIE Lab	56.23, -11.98, -0.93
CIE LCh	56, 12.011, 184.419
Yxy	24.1423, 0.2856, 0.3380
Android (android.graphics.Color)	4285435272 (0xFF6E8D88)
YUV	131.1610, 2.3856, -18.5582
Hunter-Lab	49.1348, -11.8784, 1.9621

Details

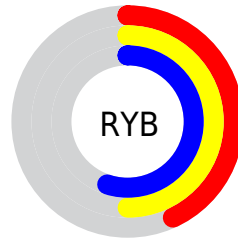
The XYZ color **20.3992, 24.1423, 26.8773** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6558, 18.0530, 18.6693**, and the grayscale version is **21.6275, 22.7538, 24.7789**.

A 20% lighter version of the original color is **43.6007, 50.3857, 55.5715**, and **7.3453, 9.1462, 10.1823** is the 20% darker color. If you saturate the color by 10%, you get **18.6228, 23.2456, 25.9595**, and if you desaturate by 10%, it is **22.4596, 25.1863, 27.8273**.

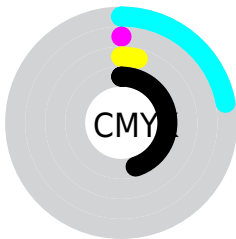
Distribution



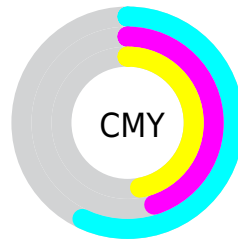
- Red (43%)
- Green (55%)
- Blue (53%)



- Red (43%)
- Yellow (50%)
- Blue (55%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (57%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3992, 24.1423, 26.8773 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 20.3992, 24.1423, 26.8773 by changing the saturation by 10% instead.

■ 20.3992, 24.1423,
26.8773

■ 20.3992, 24.1423,
26.8773

246.8607,
273.5391, 300.8039

■ 12.7955, 15.4392,
17.2495

■ 43.5843, 50.2623,
55.6883

■ 7.3639, 9.1282,
10.2487

■ 59.8965, 68.4480,
75.7085

■ 3.7391, 4.8249,
5.4564

■ 79.8421, 90.5634,
100.0299

■ 1.5556, 2.1449,
2.4541

■ 103.7866,
116.9929, 129.0710

■ 0.3632, 0.6897,
0.8157

132.0954,
148.1207, 163.2505

■ 0.0000, 0.0000,
0.0000

165.1338,

184.3315, 202.9867

203.2671,
226.0095, 248.6984

■ 20.3992, 24.1423,
26.8773

■ 20.3992, 24.1423,
26.8773

■ 18.6228, 23.2456,
25.9595

■ 22.4596, 25.1863,
27.8273

■ 17.1151, 22.4865,
25.0716

■ 24.8144, 26.3809,
28.8086

■ 15.8625, 21.8585,
24.2133

■ 27.4756, 27.7331,
29.8224

■ 14.8496, 21.3536,
23.3838

■ 30.4544, 29.2486,
30.8693

■ 14.0589, 20.9629,
22.5822

■ 33.7610, 30.9328,
31.9499

■ 13.4708, 20.6762,
21.8075

■ 37.4055, 32.7907,
33.0648

■ 13.0621, 20.4817,
21.0584

■ 41.3974, 34.8273,
34.2145

■ 12.8104, 20.3646,
20.4740

■ 45.7458, 37.0472,
35.3995

■ 50.4595, 39.4551,
36.6203

Harmonies

Analogous

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



20.6335, 24.1423, 23.1376



20.3992, 24.1423, 26.8773



20.8247, 24.1423, 30.8247

Triad

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



20.3992, 24.1423, 26.8773



24.4807, 24.1423, 33.0736



24.1125, 24.1423, 20.0060

Complementary

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



20.3992, 24.1423, 26.8773



19.6558, 18.0530, 18.6693

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.



25.2078, 24.1423, 22.2178



20.3992, 24.1423, 26.8773



25.4263, 24.1423, 29.7096

Square

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



20.3992, 24.1423, 26.8773



23.1518, 24.1423, 34.6228



25.6976, 24.1423, 25.7051



22.7425, 24.1423, 19.4094

Rectangle

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



20.3992, 24.1423, 26.8773



21.4357, 24.1423, 32.9706



25.6976, 24.1423, 25.7051



24.5267, 24.1423, 20.5735

Sweetspot

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



20.3999, 24.1433, 26.8778



42.1919, 46.1025, 50.6747



19.4322, 23.8327, 18.3282



9.3787, 10.2743, 11.2995



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.



20.3999, 24.1433, 26.8778



35.0152, 42.4684, 47.3732



19.3104, 21.3821, 28.3098



5.5234, 6.1016, 6.7221



11.6850, 18.5699, 18.6931



0.1182, 0.1801, 0.2128

Inverse Universe

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



19.6558, 18.0530, 18.6693



33.4574, 29.7114, 30.1834



20.5564, 20.3025, 17.5876



5.4422, 5.4374, 5.8265



10.1588, 5.2205, 1.2215



0.1025, 0.0521, 0.0401

Previews

White Background



This preview shows how the XYZ color 20.3992, 24.1423, 26.8773 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 20.3992, 24.1423, 26.8773 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

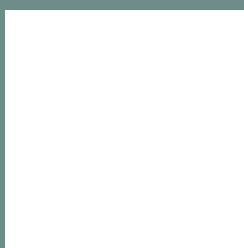
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3992, 24.1423, 26.8773

Background



This preview shows how black text looks on a background with the XYZ color 20.3992, 24.1423, 26.8773.



This preview shows how white text looks on a background with the XYZ color 20.3992, 24.1423,

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

20.3992, 24.1423, 26.8773

Protanopia

23.0065, 24.0345, 25.2563

Deuteranopia

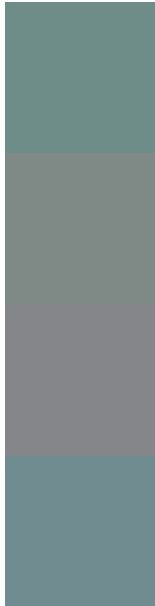
24.4241, 23.9112, 27.3728



Tritanopia

21.5477, 24.1780, 32.3853

Trichromacy



Original Color

20.3992, 24.1423, 26.8773

Protanomaly

21.9317, 24.0968, 25.6855

Deuteranomaly

22.7133, 23.8429, 27.0719

Tritanomaly

21.1710, 24.2452, 30.3520

Monochromacy



Original Color

20.3992, 24.1423, 26.8773

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.0660, 23.2324, 25.5643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3992, 24.1423, 26.8773 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, 141, 136)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 136)  
}
```

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, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.3992, 24.1423, 26.8773 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, 141, 136) }
```


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

```
.border{ border-color:rgb(110, 141, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 141, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3992, 24.1423, 26.8773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 136) }
```

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

```
.background{ background-color: rgb(110,  
141, 136) }
```

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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