

Converting Colors

XYZ(20.4836, 24.2778, 27.2188)

Have a look what the booklet for
XYZ(20.4836, 24.2778, 27.2188)
contains.

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Color

**XYZ(20.4706, 24.1709,
27.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8D89
RGB	110, 141, 137
RGB Percent	43%, 55%, 54%
CMY	0.5686, 0.4470, 0.4627
CMYK	0.22, 0.00, 0.03, 0.45
HSL	172°, 12%, 49%
HSV	172°, 22%, 55%
XYZ	20.4706, 24.1709, 27.2534
YIQ	131.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

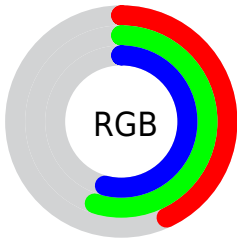
Format	Color
R _Y B	110, 127, 141
Decimal	7245193
CIE Lab	56.26, -11.75, -1.46
CIE LCh	56, 11.840, 187.078
Yxy	24.1709, 0.2847, 0.3362
Android (android.graphics.Color)	4285435273 (0xFF6E8D89)
YUV	131.2750, 2.8224, -18.6582
Hunter-Lab	49.1639, -11.7140, 1.5481

Details

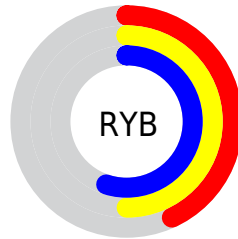
The XYZ color **20.4706, 24.1709, 27.2534** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5985, 18.0301, 18.3678**, and the grayscale version is **21.6668, 22.7952, 24.8240**.

A 20% lighter version of the original color is **43.7097, 50.4293, 56.1453**, and **7.3859, 9.1624, 10.3961** is the 20% darker color. If you saturate the color by 10%, you get **18.7247, 23.2864, 26.4963**, and if you desaturate by 10%, it is **22.4993, 25.2022, 28.0363**.

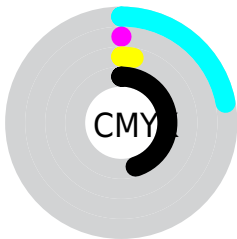
Distribution



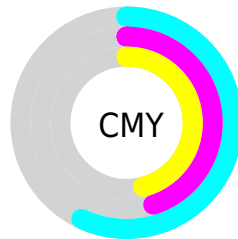
- Red (43%)
- Green (55%)
- Blue (54%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (57%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4706, 24.1709, 27.2534 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 20.4706, 24.1709, 27.2534 by changing the saturation by 10% instead.

■ 20.4706, 24.1709,
27.2534

■ 20.4706, 24.1709,
27.2534

247.2368,
273.6834, 302.6809

■ 12.8478, 15.4604,
17.5295

■ 43.7027, 50.3089,
56.2989

■ 7.4001, 9.1432,
10.4468

■ 60.0428, 68.5053,
76.4576

■ 3.7621, 4.8347,
5.5867

■ 80.0194, 90.6324,
100.9316

■ 1.5685, 2.1506,
2.5308

■ 103.9978,
117.0747, 130.1395

■ 0.3717, 0.6929,
0.8564

132.3433,
148.2166, 164.4999

■ 0.0000, 0.0000,
0.0000

165.4215,

184.4424, 204.4312

203.5975,
226.1365, 250.3520

■ 20.4706, 24.1709,
27.2534

■ 20.4706, 24.1709,
27.2534

■ 18.7247, 23.2864,
26.4963

■ 22.4993, 25.2022,
28.0363

■ 17.2463, 22.5390,
25.7626

■ 24.8210, 26.3836,
28.8440

■ 16.0218, 21.9222,
25.0521

■ 27.4481, 27.7221,
29.6775

■ 15.0357, 21.4281,
24.3642

■ 30.3913, 29.2234,
30.5376

■ 14.2707, 21.0477,
23.6979

■ 33.6612, 30.8929,
31.4246

■ 13.7072, 20.7709,
23.0523

■ 37.2677, 32.7356,
32.3392

■ 13.3218, 20.5857,
22.4261

■ 41.2202, 34.7564,
33.2818

■ 13.0880, 20.4757,
21.9359

■ 45.5280, 36.9601,
34.2529

■ 50.1998, 39.3512,
35.2529

Harmonies

Analogous

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



20.6442, 24.1709, 23.5025



20.4706, 24.1709, 27.2534



20.9462, 24.1709, 31.1059

Triad

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



20.4706, 24.1709, 27.2534



24.5897, 24.1709, 32.7696



24.0093, 24.1709, 19.9945

Complementary

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



20.4706, 24.1709, 27.2534



19.5985, 18.0301, 18.3678

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.



25.1280, 24.1709, 22.0485



20.4706, 24.1709, 27.2534



25.4722, 24.1709, 29.3499

Square

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



20.4706, 24.1709, 27.2534



23.2980, 24.1709, 34.4884



25.6730, 24.1709, 25.4043



22.6524, 24.1709, 19.5521

Rectangle

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



20.4706, 24.1709, 27.2534



21.5790, 24.1709, 33.1321



25.6730, 24.1709, 25.4043



24.4273, 24.1709, 20.5088

Sweetspot

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



20.4713, 24.1719, 27.2539



42.2346, 46.1196, 50.8999



19.2968, 23.7629, 18.3218



9.3889, 10.2784, 11.3532



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.



20.4713, 24.1719, 27.2539



35.1683, 42.5297, 48.1795



19.1727, 21.1068, 28.2640



5.5307, 6.1045, 6.7606



11.9373, 18.6708, 20.0218



0.1195, 0.1807, 0.2199

Inverse Universe

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



19.5985, 18.0301, 18.3678



33.3410, 29.6648, 29.5702



20.6818, 20.5533, 17.6293



5.4355, 5.4347, 5.7912



10.1205, 5.2052, 1.0201



0.1012, 0.0515, 0.0330

Previews

White Background



This preview shows how the XYZ color 20.4706, 24.1709, 27.2534 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 20.4706, 24.1709, 27.2534 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

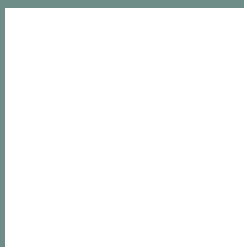
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4706, 24.1709, 27.2534

Background



This preview shows how black text looks on a background with the XYZ color 20.4706, 24.1709, 27.2534.



This preview shows how white text looks on a background with the XYZ color 20.4706, 24.1709,

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

20.4706, 24.1709, 27.2534

Protanopia

23.0753, 24.0620, 25.6185

Deuteranopia

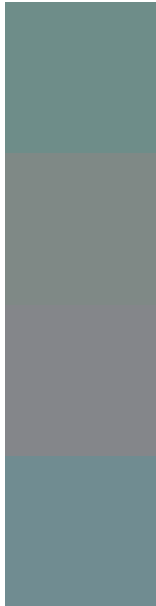
24.3199, 23.8491, 27.7476



Tritanopia

21.5477, 24.1780, 32.3853

Trichromacy



Original Color

20.4706, 24.1709, 27.2534

Protanomaly

22.0011, 24.1246, 26.0512

Deuteranomaly

22.6283, 23.7907, 27.4442

Tritanomaly

21.1710, 24.2452, 30.3520

Monochromacy



Original Color

20.4706, 24.1709, 27.2534

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 20.4706, 24.1709, 27.2534 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 137) }
```

Border

The CSS property to change the border of an element to XYZ 20.4706, 24.1709, 27.2534 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, 137) }
```


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

```
.border{ border-color:rgb(110, 141, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 137);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4706, 24.1709, 27.2534 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, 137) }
```

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

```
.background{ background-color: rgb(110,  
141, 137) }
```

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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