

Converting Colors

XYZ(20.7740, 25.8203, 21.0284)

Have a look what the booklet for
XYZ(20.7740, 25.8203, 21.0284)
contains.

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Color

**XYZ(20.7740, 25.8203,
21.0284)**

Conversions

Conversions Part 1

Format	Color
Hex	739376
RGB	115, 147, 118
RGB Percent	45%, 58%, 46%
CMY	0.5490, 0.4235, 0.5373
CMYK	0.22, 0.00, 0.20, 0.42
HSL	126°, 13%, 51%
HSV	126°, 22%, 58%
XYZ	20.7740, 25.8203, 21.0284
YIQ	134.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

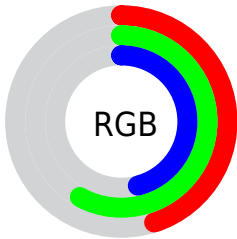
Format	Color
RYB	115, 144, 147
Decimal	7574390
CIELab	57.87, -17.21, 11.75
CIElCh	58, 20.834, 145.670
Yxy	25.8203, 0.3072, 0.3818
Android (android.graphics.Color)	4285764470 (0xFF739376)
YUV	134.1260, -7.9501, -16.7735
Hunter-Lab	50.8137, -15.9483, 11.0334

Details

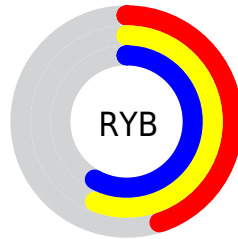
The XYZ color **20.7740, 25.8203, 21.0284** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.1984, 20.4788, 29.1170**, and the grayscale version is **22.7378, 23.9219, 26.0510**.

A 20% lighter version of the original color is **44.0787, 52.8911, 45.9160**, and **7.5351, 9.9662, 7.3209** is the 20% darker color. If you saturate the color by 10%, you get **18.2564, 24.6083, 17.0659**, and if you desaturate by 10%, it is **23.7131, 27.2382, 25.5955**.

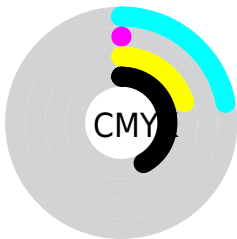
Distribution



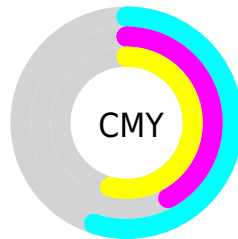
- Red (45%)
- Green (58%)
- Blue (46%)



- Red (45%)
- Yellow (56%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7740, 25.8203, 21.0284 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 20.7740, 25.8203, 21.0284 by changing the saturation by 10% instead.

■ 20.7740, 25.8203,
21.0284

■ 20.7740, 25.8203,
21.0284

248.8295,
281.8988, 270.2154

■ 13.0704, 16.6893,
12.9533

■ 44.2052, 52.9849,
46.0162

■ 7.5544, 10.0132,
7.2661

■ 60.6636, 71.7873,
63.7660

■ 3.8606, 5.4077,
3.5481

■ 80.7709, 94.5822,
85.5778

■ 1.6235, 2.4884,
1.3809

104.8925,
121.7540, 111.8701

■ 0.4077, 0.8708,
0.1267

133.3939,
153.6872, 143.0615

■ 0.0000, 0.0000,
0.0000

166.6402,

190.7661, 179.5704

204.9970,
233.3752, 221.8156

■ 20.7740, 25.8203,
21.0284

■ 20.7740, 25.8203,
21.0284

■ 18.2564, 24.6083,
17.0659

■ 23.7131, 27.2382,
25.5955

■ 16.1390, 23.5895,
13.6810

■ 27.0897, 28.8674,
30.7892

■ 14.4018, 22.7548,
10.8472

■ 30.9214, 30.7173,
36.6326

■ 13.0221, 22.0933,
8.5355

■ 35.2242, 32.7958,
43.1470

■ 11.9749, 21.5927,
6.7139

■ 40.0135, 35.1102,
50.3528

■ 11.2319, 21.2391,
5.3470

■ 45.3037, 37.6677,
58.2696

■ 10.7600, 21.0164,
4.3948

■ 51.1090, 40.4751,
66.9160

■ 10.5120, 20.8996,
3.8877

■ 57.4426, 43.5388,
76.3101

■ 64.3175, 46.8652,
86.4693

Harmonies

Analogous

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



22.5130, 25.8203, 17.4215



20.7740, 25.8203, 21.0284



20.0440, 25.8203, 27.0850

Triad

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



20.7740, 25.8203, 21.0284



24.1795, 25.8203, 44.2387



29.1448, 25.8203, 22.5504

Complementary

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



20.7740, 25.8203, 21.0284



23.1984, 20.4788, 29.1170

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.



29.6657, 25.8203, 29.1686



20.7740, 25.8203, 21.0284



26.6881, 25.8203, 42.4737

Square

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



20.7740, 25.8203, 21.0284



21.9234, 25.8203, 41.1168



28.7388, 25.8203, 36.6352



27.3599, 25.8203, 18.1897

Rectangle

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



20.7740, 25.8203, 21.0284



20.1888, 25.8203, 32.0078



28.7388, 25.8203, 36.6352



29.4785, 25.8203, 24.5494

Sweetspot

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



20.7747, 25.8214, 21.0290



45.1625, 50.0789, 49.9960



25.0893, 28.0659, 20.3149



10.2396, 11.3981, 11.3053



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.7747, 25.8214, 21.0290



34.9622, 45.1607, 34.1443



21.7846, 26.2254, 26.3473



5.7504, 6.4767, 6.2964



9.1175, 18.1198, 3.3946



0.1160, 0.2235, 0.0645

Inverse Universe

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



23.1984, 20.4788, 29.1170



40.0769, 33.8840, 51.2112



22.0825, 20.0324, 23.2408



6.0121, 5.8999, 7.1700



14.1200, 6.8531, 19.9110



0.1783, 0.0861, 0.2727

Previews

White Background



This preview shows how the XYZ color 20.7740, 25.8203, 21.0284 looks on a white background.

Color Contrast Check

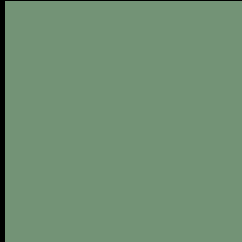
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7740, 25.8203, 21.0284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

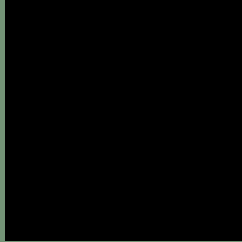
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7740, 25.8203, 21.0284

Background



This preview shows how black text looks on a background with the XYZ color 20.7740, 25.8203, 21.0284.



This preview shows how white text looks on a background with the XYZ color 20.7740, 25.8203,

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

20.7740, 25.8203, 21.0284

Protanopia

24.1584, 25.5949, 19.5866

Deuteranopia

26.0768, 25.6998, 21.6753



Tritanopia

23.3079, 25.7109, 33.8712

Trichromacy



Original Color

20.7740, 25.8203, 21.0284

Protanomaly

22.6111, 25.4385, 19.9380

Deuteranomaly

23.7781, 25.5721, 21.4520

Tritanomaly

22.3146, 25.7619, 28.6074

Monochromacy



Original Color

20.7740, 25.8203, 21.0284

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.8813, 24.5358, 24.0047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7740, 25.8203, 21.0284 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(115, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 147, 118)  
}
```

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(115, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 147, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.7740, 25.8203, 21.0284 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(115, 147, 118) }
```


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

```
.border{ border-color:rgb(115, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(115, 147,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7740, 25.8203, 21.0284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 147, 118) }
```

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

```
.background{ background-color: rgb(115,  
147, 118) }
```

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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