

Converting Colors

XYZ(20.7592, 23.6178, 26.8226)

Have a look what the booklet for
XYZ(20.7592, 23.6178, 26.8226)
contains.

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Color

**XYZ(20.7349, 23.6675,
26.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	748A88
RGB	116, 138, 136
RGB Percent	45%, 54%, 53%
CMY	0.5451, 0.4588, 0.4667
CMYK	0.16, 0.00, 0.01, 0.46
HSL	175°, 9%, 50%
HSV	175°, 16%, 54%
XYZ	20.7349, 23.6675, 26.7680
YIQ	131.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

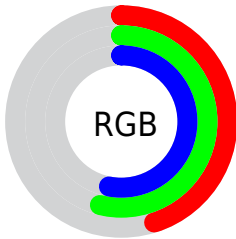
Format	Color
R_{YB}	116, 128, 138
Decimal	7637640
CIE _{Lab}	55.75, -8.29, -1.58
CIE _{LCh}	56, 8.436, 190.774
Yxy	23.6675, 0.2913, 0.3325
Android (android.graphics.Color)	4285827720 (0xFF748A88)
YUV	131.1940, 2.3694, -13.3251
Hunter-Lab	48.6493, -9.0573, 1.4317

Details

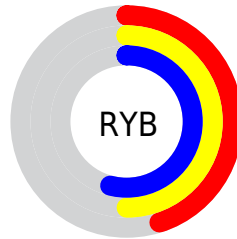
The XYZ color **20.7349, 23.6675, 26.7680** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9975, 19.2028, 19.7932**, and the grayscale version is **21.6382, 22.7651, 24.7912**.

A 20% lighter version of the original color is **43.9646, 49.2606, 55.3352**, and **7.4842, 8.8446, 10.1168** is the 20% darker color. If you saturate the color by 10%, you get **18.9465, 22.7564, 26.2217**, and if you desaturate by 10%, it is **22.7983, 24.7215, 27.3337**.

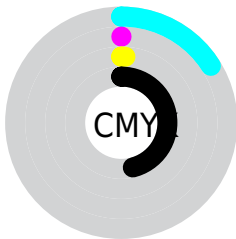
Distribution



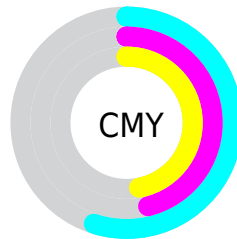
- Red (45%)
- Green (54%)
- Blue (53%)



- Red (45%)
- Yellow (50%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7349, 23.6675, 26.7680 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 20.7349, 23.6675, 26.7680 by changing the saturation by 10% instead.

■ 20.7349, 23.6675,
26.7680

■ 20.7349, 23.6675,
26.7680

248.6247,
271.1351, 300.2566

■ 13.0417, 15.0872,
17.1682

■ 44.1405, 49.4871,
55.5106

■ 7.5345, 8.8806,
10.1912

■ 60.5837, 67.4951,
75.4904

■ 3.8478, 4.6634,
5.4187

■ 80.6742, 89.4144,
99.7672

■ 1.6164, 2.0511,
2.4319

104.7774,
115.6295, 128.7597

■ 0.4031, 0.6369,
0.8038

133.2587,
146.5247, 162.8864

■ 0.0000, 0.0000,
0.0000

166.4835,

182.4845, 202.5657

204.8170,
223.8931, 248.2163

■ 20.7349, 23.6675,
26.7680

■ 20.7349, 23.6675,
26.7680

■ 18.9465, 22.7564,
26.2217

■ 22.7983, 24.7215,
27.3337

■ 17.4190, 21.9791,
25.6925

■ 25.1458, 25.9212,
27.9176

■ 16.1403, 21.3299,
25.1803

■ 27.7887, 27.2730,
28.5209

■ 15.0964, 20.8017,
24.6846

■ 30.7372, 28.7823,
29.1440

■ 14.2719, 20.3864,
24.2045

■ 34.0007, 30.4538,
29.7873

■ 13.6496, 20.0753,
23.7392

■ 37.5885, 32.2924,
30.4514

■ 13.2099, 19.8581,
23.2879

■ 41.5093, 34.3026,
31.1366

■ 12.9220, 19.7191,
22.8489

■ 45.7716, 36.4886,
31.8434

■ 12.8192, 19.6699,
22.6730

■ 50.3836, 38.8549,
32.5722

Harmonies

Analogous

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



20.8015, 23.6675, 24.0725



20.7349, 23.6675, 26.7680



21.1298, 23.6675, 29.3685

Triad

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



20.7349, 23.6675, 26.7680



23.7190, 23.6675, 29.9720



23.1069, 23.6675, 21.1056

Complementary

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



20.7349, 23.6675, 26.7680



19.9975, 19.2028, 19.7932

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.



23.9183, 23.6675, 22.4780



20.7349, 23.6675, 26.7680



24.2786, 23.6675, 27.5452

Square

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



20.7349, 23.6675, 26.7680



22.8411, 23.6675, 31.3036



24.3525, 23.6675, 24.7969



22.1529, 23.6675, 20.9300

Rectangle

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



20.7349, 23.6675, 26.7680



21.6084, 23.6675, 30.6500



24.3525, 23.6675, 24.7969



23.4061, 23.6675, 21.4374

Sweetspot

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



20.7356, 23.6685, 26.7685



40.5105, 43.7407, 48.2631



19.7400, 23.3045, 19.9813



9.0332, 9.7837, 10.8114



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.7356, 23.6685, 26.7685



35.4027, 41.1337, 46.8448



19.6673, 21.3021, 27.1209



5.1535, 5.6809, 6.3296



11.7556, 18.0348, 20.8017



0.0808, 0.1209, 0.1522

Inverse Universe

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



19.9975, 19.2028, 19.7932



33.8564, 31.7761, 32.2295



20.9428, 21.2817, 19.5275



5.0502, 5.0555, 5.3526



9.6766, 4.9808, 0.8013



0.0664, 0.0339, 0.0164

Previews

White Background



This preview shows how the XYZ color 20.7349, 23.6675, 26.7680 looks on a white background.

Color Contrast Check

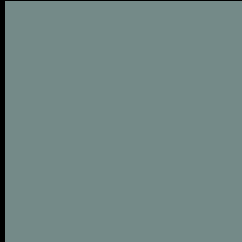
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7349, 23.6675, 26.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

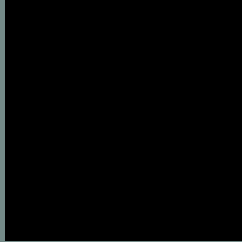
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7349, 23.6675, 26.7680

Background



This preview shows how black text looks on a background with the XYZ color 20.7349, 23.6675, 26.7680.



This preview shows how white text looks on a background with the XYZ color 20.7349, 23.6675,

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

20.7349, 23.6675, 26.7680

Protanopia

22.7745, 23.7028, 25.5650

Deuteranopia

23.9393, 23.4648, 27.3122



Tritanopia

21.5418, 23.5665, 31.0172

Trichromacy



Original Color

20.7349, 23.6675, 26.7680

Protanomaly

22.0203, 23.7163, 25.9714

Deuteranomaly

22.5981, 23.3770, 26.9881

Tritanomaly

21.2397, 23.6564, 29.4333

Monochromacy



Original Color

20.7349, 23.6675, 26.7680

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.3629, 23.1793, 25.5384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7349, 23.6675, 26.7680 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(116, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(116, 138, 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(116, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 138, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.7349, 23.6675, 26.7680 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(116, 138, 136) }
```


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

```
.border{ border-color:rgb(116, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(116, 138,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7349, 23.6675, 26.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 138, 136) }
```

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

```
.background{ background-color: rgb(116,  
138, 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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