

Converting Colors

XYZ(20.8667, 26.8596, 21.2984)

Have a look what the booklet for
XYZ(20.8667, 26.8596, 21.2984)
contains.

| | |
|--|----|
| XYZ(20.7670, 26.7562, 21.2095) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(20.7670, 26.7562,
21.2095)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6E9776 |
| RGB | 110, 151, 118 |
| RGB Percent | 43%, 59%, 46% |
| CMY | 0.5686, 0.4078, 0.5372 |
| CMYK | 0.27, 0.00, 0.22, 0.41 |
| HSL | 132°, 16%, 51% |
| HSV | 132°, 27%, 59% |
| XYZ | 20.7670, 26.7562, 21.2095 |
| YIQ | 134.9790, -13.8430, -18.9550 |

Conversions

Conversions Part 2

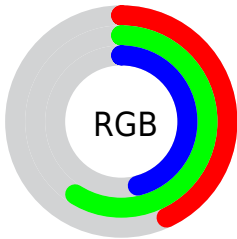
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 110, 144, 151 |
| Decimal | 7247734 |
| CIE _{Lab} | 58.75, -21.04, 12.94 |
| CIE _{LCh} | 59, 24.701, 148.409 |
| Yxy | 26.7562, 0.3021, 0.3893 |
| Android (android.graphics.Color) | 4285437814 (0xFF6E9776) |
| YUV | 134.9790, -8.3706, -21.9066 |
| Hunter-Lab | 51.7264, -18.8574, 11.8977 |

Details

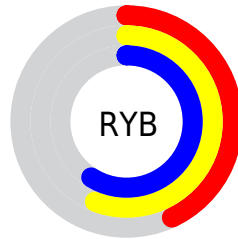
The XYZ color **20.7670, 26.7562, 21.2095** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.2972, 19.7149, 28.5650**, and the grayscale version is **23.0556, 24.2563, 26.4151**.

A 20% lighter version of the original color is **43.9873, 54.2463, 46.1824**, and **7.5871, 10.5486, 7.4306** is the 20% darker color. If you saturate the color by 10%, you get **18.3697, 25.5992, 17.5671**, and if you desaturate by 10%, it is **23.5790, 28.1177, 25.3583**.

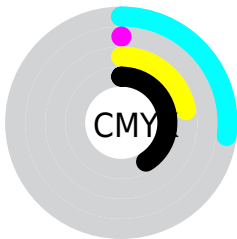
Distribution



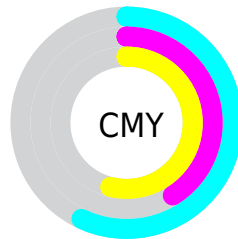
- Red (43%)
- Green (59%)
- Blue (46%)



- Red (43%)
- Yellow (56%)
- Blue (59%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (41%)



- Cyan (57%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7670, 26.7562, 21.2095 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 20.7670, 26.7562, 21.2095 by changing the saturation by 10% instead.

■ 20.7670, 26.7562,
21.2095

■ 20.7670, 26.7562,
21.2095

248.7928,
286.4747, 271.2073

■ 13.0653, 17.3902,
13.0845

■ 44.1936, 54.4924,
46.3212

■ 7.5508, 10.5131,
7.3553

■ 60.6493, 73.6314,
64.1451

■ 3.8583, 5.7405,
3.6035

■ 80.7536, 96.7968,
86.0389

■ 1.6223, 2.6879,
1.4105

■ 104.8719,
124.3731, 112.4213

■ 0.4069, 0.9711,
0.1499

133.3697,
156.7447, 143.7108

■ 0.0000, 0.0000,
0.0000

166.6122,

194.2959, 180.3259

204.9648,
237.4111, 222.6853

■ 20.7670, 26.7562,
21.2095

■ 20.7670, 26.7562,
21.2095

■ 18.3697, 25.5992,
17.5671

■ 23.5790, 28.1177,
25.3583

■ 16.3652, 24.6337,
14.4100

■ 26.8220, 29.6895,
30.0300

■ 14.7328, 23.8501,
11.7182

■ 30.5140, 31.4812,
35.2426

■ 13.4491, 23.2367,
9.4696

■ 34.6714, 33.5010,
41.0127

■ 12.4877, 22.7806,
7.6403

■ 39.3096, 35.7565,
47.3561

■ 11.8187, 22.4668,
6.2042

■ 44.4435, 38.2550,
54.2881

■ 11.3944, 22.2714,
5.1316

■ 50.0871, 41.0035,
61.8233

■ 11.2947, 22.2253,
4.8874

■ 56.2542, 44.0087,
69.9760

■ 62.9578, 47.2770,
78.7597

Harmonies

Analogous

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



22.7485, 26.7562, 16.7435



20.7670, 26.7562, 21.2095



20.0208, 26.7562, 28.6704

Triad

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



20.7670, 26.7562, 21.2095



25.2690, 26.7562, 49.2905



30.9303, 26.7562, 21.8680

Complementary

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



20.7670, 26.7562, 21.2095



23.2972, 19.7149, 28.5650

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.



31.7372, 26.7562, 29.6004



20.7670, 26.7562, 21.2095



28.3165, 26.7562, 46.4901

Square

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



20.7670, 26.7562, 21.2095



22.4884, 26.7562, 45.8580



30.7457, 26.7562, 38.8185



28.6196, 26.7562, 17.0669

Rectangle

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



20.7670, 26.7562, 21.2095



20.2752, 26.7562, 34.7497



30.7457, 26.7562, 38.8185



31.3941, 26.7562, 24.1566

Sweetspot

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



20.7677, 26.7573, 21.2101



47.4122, 52.8669, 52.8920



25.2937, 29.1432, 19.0441



10.5807, 11.9211, 11.7420



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.7677, 26.7573, 21.2101



34.3144, 46.5273, 33.6371



22.0864, 27.2848, 28.1544



6.1790, 6.9443, 6.8660



9.6168, 18.9102, 4.2025



0.1544, 0.2870, 0.1187

Inverse Universe

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



23.2972, 19.7149, 28.5650



39.6681, 31.6131, 49.1975



21.9133, 19.1613, 21.2775



6.4095, 6.3030, 7.5367



13.8315, 6.7868, 16.1693



0.2185, 0.1062, 0.3037

Previews

White Background



This preview shows how the XYZ color 20.7670, 26.7562, 21.2095 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 20.7670, 26.7562, 21.2095 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 20.7670, 26.7562, 21.2095

Background



This preview shows how black text looks on a background with the XYZ color 20.7670, 26.7562, 21.2095.



This preview shows how white text looks on a background with the XYZ color 20.7670, 26.7562,

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

20.7670, 26.7562, 21.2095

Protanopia

25.0832, 26.7260, 19.4594

Deuteranopia

26.9533, 26.5659, 21.7963



Tritanopia

23.7008, 26.7740, 35.8170

Trichromacy



Original Color

20.7670, 26.7562, 21.2095

Protanomaly

23.2116, 26.6395, 20.1382

Deuteranomaly

24.0704, 26.1566, 21.5494

Tritanomaly

22.4873, 26.7404, 29.9628

Monochromacy



Original Color

20.7670, 26.7562, 21.2095

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0915, 25.0704, 24.4436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7670, 26.7562, 21.2095 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, 151, 118)` looks like.

```
.text, #text, p{  
    color:rgb(110, 151, 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(110, 151, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 151, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.7670, 26.7562, 21.2095 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, 151, 118) }
```


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

```
.border{ border-color:rgb(110, 151, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 151, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 151, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 151, 118);  
box-shadow:4px 4px 4px 4px rgb(110, 151,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7670, 26.7562, 21.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 151, 118) }
```

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

```
.background{ background-color: rgb(110,  
151, 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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