

Converting Colors

XYZ(20.7994, 24.8427, 27.2254)

Have a look what the booklet for
XYZ(20.7994, 24.8427, 27.2254)
contains.

XYZ(20.7682, 24.7661, 27.3526)	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(20.7682, 24.7661,
27.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8F89
RGB	110, 143, 137
RGB Percent	43%, 56%, 54%
CMY	0.5686, 0.4392, 0.4627
CMYK	0.23, 0.00, 0.04, 0.44
HSL	169°, 13%, 50%
HSV	169°, 23%, 56%
XYZ	20.7682, 24.7661, 27.3526
YIQ	132.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

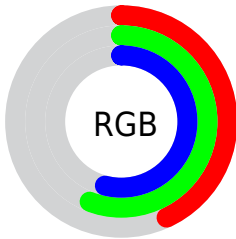
Format	Color
R_{YB}	110, 128, 143
Decimal	7245705
CIE _{Lab}	56.85, -12.84, -0.60
CIE _{LCh}	57, 12.854, 182.663
Yxy	24.7661, 0.2849, 0.3398
Android (android.graphics.Color)	4285435785 (0xFF6E8F89)
YUV	132.4490, 2.2436, -19.6878
Hunter-Lab	49.7656, -12.5979, 2.2484

Details

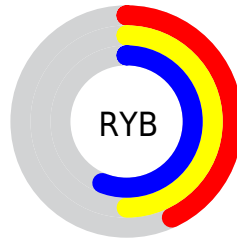
The XYZ color **20.7682, 24.7661, 27.3526** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0569, 18.2531, 18.9901**, and the grayscale version is **22.0916, 23.2421, 25.3106**.

A 20% lighter version of the original color is **44.1608, 51.3316, 56.2957**, and **7.5591, 9.5089, 10.4538** is the 20% darker color. If you saturate the color by 10%, you get **18.9464, 23.8489, 26.3055**, and if you desaturate by 10%, it is **22.8831, 25.8352, 28.4379**.

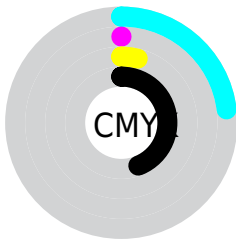
Distribution



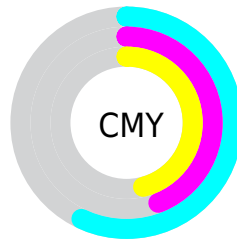
- Red (43%)
- Green (56%)
- Blue (54%)



- Red (43%)
- Yellow (50%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7682, 24.7661, 27.3526 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 20.7682, 24.7661, 27.3526 by changing the saturation by 10% instead.

■ 20.7682, 24.7661,
27.3526

■ 20.7682, 24.7661,
27.3526

248.7991,
276.6711, 303.1743

■ 13.0662, 15.9029,
17.6034

■ 44.1956, 51.2775,
56.4598

■ 7.5514, 9.4555,
10.4992

■ 60.6517, 69.6945,
76.6548

■ 3.8587, 5.0394,
5.6212

■ 80.7566, 92.0649,
101.1690

■ 1.6225, 2.2704,
2.5511

■ 104.8755,
118.7730, 130.4207

■ 0.4070, 0.7580,
0.8671

133.3738,
150.2033, 164.8285

■ 0.0000, 0.0000,
0.0000

166.6170,

186.7401, 204.8111

204.9703,
228.7679, 250.7868

■ 20.7682, 24.7661,
27.3526

■ 20.7682, 24.7661,
27.3526

■ 18.9464, 23.8489,
26.3055

■ 22.8831, 25.8352,
28.4379

■ 17.4018, 23.0734,
25.2943

■ 25.3017, 27.0597,
29.5605

■ 16.1202, 22.4330,
24.3184

■ 28.0370, 28.4469,
30.7218

■ 15.0852, 21.9192,
23.3771

■ 31.1003, 30.0027,
31.9224

■ 14.2787, 21.5227,
22.4694

■ 34.5025, 31.7327,
33.1629

■ 13.6799, 21.2327,
21.5940

■ 38.2540, 33.6422,
34.4441

■ 13.2643, 21.0367,
20.7496

■ 42.3645, 35.7362,
35.7665

■ 13.0335, 20.9301,
20.1809

■ 46.8437, 38.0198,
37.1307

■ 51.7007, 40.4975,
38.5374

Harmonies

Analogous

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



21.0637, 24.7661, 23.3400



20.7682, 24.7661, 27.3526



21.1887, 24.7661, 31.6857

Triad

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



20.7682, 24.7661, 27.3526



25.1343, 24.7661, 34.5537



24.8921, 24.7661, 20.2599

Complementary

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



20.7682, 24.7661, 27.3526



20.0569, 18.2531, 18.9901

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.



26.0579, 24.7661, 22.7401



20.7682, 24.7661, 27.3526



26.2019, 24.7661, 30.9495

Square

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



20.7682, 24.7661, 27.3526



23.6740, 24.7661, 36.1105



26.5468, 24.7661, 26.5832



23.4054, 24.7661, 19.5125

Rectangle

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



20.7682, 24.7661, 27.3526



21.8293, 24.7661, 34.0988



26.5468, 24.7661, 26.5832



25.3366, 24.7661, 20.9046

Sweetspot

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



20.7689, 24.7671, 27.3532



43.4792, 47.5304, 52.1093



19.8468, 24.4882, 18.4328



9.9207, 10.8744, 11.9267



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.7689, 24.7671, 27.3532



35.3295, 43.4129, 47.9404



19.7151, 21.9511, 29.1858



5.5188, 6.0997, 6.6976



11.5305, 18.5081, 17.8797



0.1173, 0.1798, 0.2082

Inverse Universe

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



20.0569, 18.2531, 18.9901



33.8116, 29.5144, 30.1035



20.9137, 20.5076, 17.6083



5.4465, 5.4391, 5.8491



10.1868, 5.2317, 1.3691



0.1034, 0.0524, 0.0446

Previews

White Background



This preview shows how the XYZ color 20.7682, 24.7661, 27.3526 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 20.7682, 24.7661, 27.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

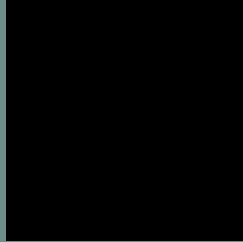
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7682, 24.7661, 27.3526

Background



This preview shows how black text looks on a background with the XYZ color 20.7682, 24.7661, 27.3526.



This preview shows how white text looks on a background with the XYZ color 20.7682, 24.7661,

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

20.7682, 24.7661, 27.3526

Protanopia

23.5451, 24.5104, 25.6803

Deuteranopia

25.1242, 24.6625, 27.8622



Tritanopia

22.0024, 24.8275, 33.3383

Trichromacy



Original Color

20.7682, 24.7661, 27.3526

Protanomaly

22.2936, 24.4874, 26.1058

Deuteranomaly

23.2231, 24.5116, 27.5520

Tritanomaly

21.6216, 24.8973, 31.2699

Monochromacy



Original Color

20.7682, 24.7661, 27.3526

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4194, 23.6146, 25.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7682, 24.7661, 27.3526 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, 143, 137)` looks like.

```
.text, #text, p{  
    color:rgb(110, 143, 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, 143, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 143, 137) }
```

Border

The CSS property to change the border of an element to XYZ 20.7682, 24.7661, 27.3526 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, 143, 137) }
```


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

```
.border{ border-color:rgb(110, 143, 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, 143, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 143, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 143, 137);  
box-shadow:4px 4px 4px 4px rgb(110, 143,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7682, 24.7661, 27.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 143, 137) }
```

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

```
.background{ background-color: rgb(110,  
143, 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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