

Converting Colors

XYZ(20.7618, 24.6107, 26.6592)

Have a look what the booklet for
XYZ(20.7618, 24.6107, 26.6592)
contains.

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Color

**XYZ(20.7283, 24.5400,
26.5659)**

Conversions

Conversions Part 1

Format	Color
Hex	708E87
RGB	112, 142, 135
RGB Percent	44%, 56%, 53%
CMY	0.5608, 0.4431, 0.4706
CMYK	0.21, 0.00, 0.05, 0.44
HSL	166°, 12%, 50%
HSV	166°, 21%, 56%
XYZ	20.7283, 24.5400, 26.5659
YIQ	132.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

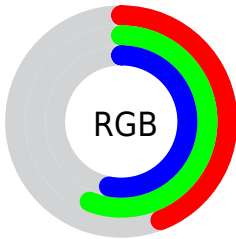
Format	Color
R_{YB}	112, 129, 142
Decimal	7376519
CIE _{Lab}	56.62, -12.07, 0.24
CIE _{LCh}	57, 12.077, 178.857
Yxy	24.5400, 0.2886, 0.3416
Android (android.graphics.Color)	4285566599 (0xFF708E87)
YUV	132.2320, 1.3646, -17.7435
Hunter-Lab	49.5379, -12.0009, 2.8808

Details

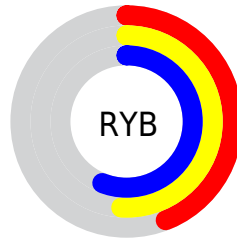
The XYZ color **20.7283, 24.5400, 26.5659** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2802, 18.6718, 19.9890**, and the grayscale version is **22.0157, 23.1622, 25.2237**.

A 20% lighter version of the original color is **44.1269, 51.0032, 55.0958**, and **7.5167, 9.3669, 10.0062** is the 20% darker color. If you saturate the color by 10%, you get **18.8325, 23.5899, 25.2784**, and if you desaturate by 10%, it is **22.9177, 25.6420, 27.9061**.

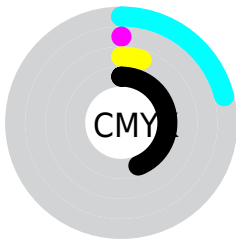
Distribution



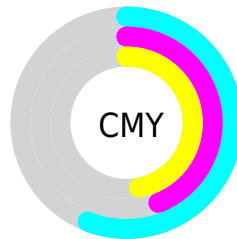
- Red (44%)
- Green (56%)
- Blue (53%)



- Red (44%)
- Yellow (51%)
- Blue (56%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7283, 24.5400, 26.5659 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 20.7283, 24.5400, 26.5659 by changing the saturation by 10% instead.

■ 20.7283, 24.5400,
26.5659

■ 20.7283, 24.5400,
26.5659

248.5901,
275.5393, 299.2425

■ 13.0369, 15.7347,
17.0179

■ 44.1296, 50.9100,
55.1817

■ 7.5311, 9.3366,
10.0852

■ 60.5702, 69.2434,
75.0867

■ 3.8457, 4.9614,
5.3491

■ 80.6579, 91.5217,
99.2810

■ 1.6152, 2.2246,
2.3912

■ 104.7580,
118.1292, 128.1832

■ 0.4023, 0.7334,
0.7817

133.2359,
149.4503, 162.2120

■ 0.0000, 0.0000,
0.0000

166.4570,

185.8694, 201.7858

204.7867,
227.7710, 247.3231

■ 20.7283, 24.5400,
26.5659

■ 20.7283, 24.5400,
26.5659

■ 18.8325, 23.5899,
25.2784

■ 22.9177, 25.6420,
27.9061

■ 17.2149, 22.7817,
24.0410

■ 25.4113, 26.8992,
29.2983

■ 15.8616, 22.1089,
22.8532

■ 28.2213, 28.3187,
30.7438

■ 14.7570, 21.5636,
21.7140

■ 31.3591, 29.9064,
32.2437

■ 13.8836, 21.1365,
20.6221

■ 34.8351, 31.6675,
33.7986

■ 13.2214, 20.8176,
19.5762

■ 38.6595, 33.6074,
35.4093

■ 12.7472, 20.5949,
18.5750

■ 42.8420, 35.7310,
37.0767

■ 12.4263, 20.4480,
17.7210

■ 47.3919, 38.0430,
38.8015

■ 52.3181, 40.5482,
40.5844

Harmonies

Analogous

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



21.0895, 24.5400, 22.9175



20.7283, 24.5400, 26.5659



21.0392, 24.5400, 30.6275

Triad

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



20.7283, 24.5400, 26.5659



24.6518, 24.5400, 34.0793



24.7487, 24.5400, 20.6341

Complementary

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



20.7283, 24.5400, 26.5659



20.2802, 18.6718, 19.9890

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.



25.7697, 24.5400, 23.1596



20.7283, 24.5400, 26.5659



25.7121, 24.5400, 30.9211

Square

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



20.7283, 24.5400, 26.5659



23.2707, 24.5400, 35.2190



26.1290, 24.5400, 26.8745



23.3784, 24.5400, 19.7116

Rectangle

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



20.7283, 24.5400, 26.5659



21.5931, 24.5400, 32.9751



26.1290, 24.5400, 26.8745



25.1462, 24.5400, 21.3104

Sweetspot

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



20.7290, 24.5410, 26.5665



42.5427, 46.2893, 50.4242



20.2750, 24.4743, 18.9852



9.4485, 10.3118, 11.2324



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.



20.7290, 24.5410, 26.5665



35.0211, 42.5055, 45.8368



20.1597, 22.5874, 28.8896



5.5072, 6.0951, 6.6366



11.1638, 18.3614, 15.9484



0.1152, 0.1789, 0.1969

Inverse Universe

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



20.2802, 18.6718, 19.9890



34.0950, 30.3832, 32.2559



20.7373, 20.2344, 18.1424



5.4573, 5.4434, 5.9059



10.2703, 5.2652, 1.8090



0.1055, 0.0533, 0.0560

Previews

White Background



This preview shows how the XYZ color 20.7283, 24.5400, 26.5659 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 20.7283, 24.5400, 26.5659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

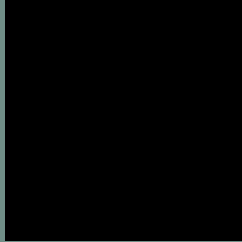
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

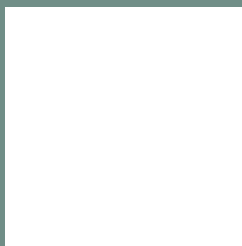
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7283, 24.5400, 26.5659

Background



This preview shows how black text looks on a background with the XYZ color 20.7283, 24.5400, 26.5659.



This preview shows how white text looks on a background with the XYZ color 20.7283, 24.5400,

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

20.7283, 24.5400, 26.5659

Protanopia

23.4082, 24.4556, 24.9594

Deuteranopia

24.8444, 24.3346, 27.0545



Tritanopia

22.0342, 24.6354, 32.8719

Trichromacy



Original Color

20.7283, 24.5400, 26.5659

Protanomaly

22.3066, 24.5100, 25.3850

Deuteranomaly

23.0996, 24.2564, 26.7570

Tritanomaly

21.5751, 24.6715, 30.4130

Monochromacy



Original Color

20.7283, 24.5400, 26.5659

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4952, 23.6617, 25.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7283, 24.5400, 26.5659 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(112, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(112, 142, 135)  
}
```

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(112, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 142, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.7283, 24.5400, 26.5659 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(112, 142, 135) }
```


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

```
.border{ border-color:rgb(112, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(112, 142,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7283, 24.5400, 26.5659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 142, 135) }
```

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

```
.background{ background-color: rgb(112,  
142, 135) }
```

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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