

Converting Colors

XYZ(20.7144, 24.4404, 25.8538)

Have a look what the booklet for
XYZ(20.7144, 24.4404, 25.8538)
contains.

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Color

**XYZ(20.7167, 24.5502,
25.8371)**

Conversions

Conversions Part 1

Format	Color
Hex	718E85
RGB	113, 142, 133
RGB Percent	44%, 56%, 52%
CMY	0.5569, 0.4431, 0.4784
CMYK	0.20, 0.00, 0.06, 0.44
HSL	161°, 11%, 50%
HSV	161°, 20%, 56%
XYZ	20.7167, 24.5502, 25.8371
YIQ	132.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

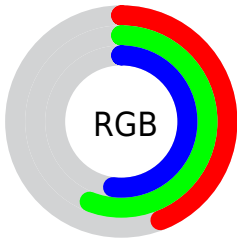
Format	Color
R_{YB}	113, 130, 142
Decimal	7442053
CIE _{Lab}	56.63, -12.17, 1.41
CIE _{LCh}	57, 12.255, 173.385
Yxy	24.5502, 0.2914, 0.3453
Android (android.graphics.Color)	4285632133 (0xFF718E85)
YUV	132.3030, 0.3436, -16.9287
Hunter-Lab	49.5482, -12.0762, 3.7667

Details

The XYZ color **20.7167, 24.5502, 25.8371** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5742, 18.9668, 20.9900**, and the grayscale version is **22.0446, 23.1926, 25.2568**.

A 20% lighter version of the original color is **44.1199, 51.0244, 53.9777**, and **7.5417, 9.3844, 9.8014** is the 20% darker color. If you saturate the color by 10%, you get **18.7328, 23.5626, 24.1882**, and if you desaturate by 10%, it is **23.0007, 25.6924, 27.5678**.

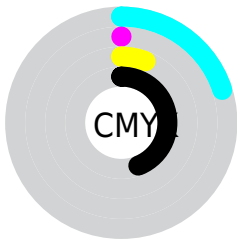
Distribution



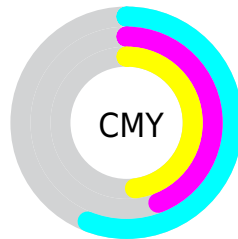
- Red (44%)
- Green (56%)
- Blue (52%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7167, 24.5502, 25.8371 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 20.7167, 24.5502, 25.8371 by changing the saturation by 10% instead.

■ 20.7167, 24.5502,
25.8371

■ 20.7167, 24.5502,
25.8371

248.5294,
275.5904, 295.5615

■ 13.0284, 15.7423,
16.4771

■ 44.1104, 50.9266,
53.9929

■ 7.5252, 9.3420,
9.7044

■ 60.5465, 69.2638,
73.6258

■ 3.8419, 4.9649,
5.1004

■ 80.6292, 91.5462,
97.5201

■ 1.6131, 2.2267,
2.2465

■ 104.7238,
118.1583, 126.0943

■ 0.4009, 0.7345,
0.7010

133.1958,
149.4843, 159.7671

■ 0.0000, 0.0000,
0.0000

166.4105,

185.9088, 198.9568

204.7332,
227.8160, 244.0821

■ 20.7167, 24.5502,
25.8371

■ 20.7167, 24.5502,
25.8371

■ 18.7328, 23.5626,
24.1882

■ 23.0007, 25.6924,
27.5678

■ 17.0335, 22.7195,
22.6180

■ 25.5951, 26.9924,
29.3801

■ 15.6049, 22.0147,
21.1256

■ 28.5127, 28.4575,
31.2757

■ 14.4314, 21.4398,
19.7093

■ 31.7644, 30.0934,
33.2561

■ 13.4955, 20.9861,
18.3676

■ 35.3610, 31.9055,
35.3224

■ 12.7774, 20.6432,
17.0986

■ 39.3126, 33.8991,
37.4759

■ 12.2540, 20.3994,
15.9003

■ 43.6290, 36.0791,
39.7178

■ 11.8746, 20.2274,
14.8155

■ 48.3196, 38.4504,
42.0492

■ 53.3932, 41.0176,
44.4712

Harmonies

Analogous

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



21.2031, 24.5502, 22.3182



20.7167, 24.5502, 25.8371



20.9084, 24.5502, 29.9684

Triad

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



20.7167, 24.5502, 25.8371



24.4388, 24.5502, 34.6006



25.0071, 24.5502, 20.9137

Complementary

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



20.7167, 24.5502, 25.8371



20.5742, 18.9668, 20.9900

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.



25.9408, 24.5502, 23.7355



20.7167, 24.5502, 25.8371



25.6035, 24.5502, 31.6902

Square

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



20.7167, 24.5502, 25.8371



23.0200, 24.5502, 35.3090



26.1634, 24.5502, 27.6453



23.6513, 24.5502, 19.6687

Rectangle

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



20.7167, 24.5502, 25.8371



21.3989, 24.5502, 32.4921



26.1634, 24.5502, 27.6453



25.3829, 24.5502, 21.6946

Sweetspot

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



20.7174, 24.5512, 25.8376



42.4559, 46.2546, 49.9670



20.7065, 24.6903, 19.2975



9.4274, 10.3034, 11.1214



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.



20.7174, 24.5512, 25.8376



34.6838, 42.3706, 44.0604



20.5940, 23.2661, 28.9978



5.4900, 6.0882, 6.5460



10.6696, 18.1637, 13.3461



0.1119, 0.1776, 0.1799

Inverse Universe

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



20.5742, 18.9668, 20.9900



34.3801, 30.4973, 33.7576



20.6525, 19.9753, 18.3902



5.4735, 5.4499, 5.9916



10.4328, 5.3302, 2.6647



0.1088, 0.0546, 0.0730

Previews

White Background



This preview shows how the XYZ color 20.7167, 24.5502, 25.8371 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 20.7167, 24.5502, 25.8371 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

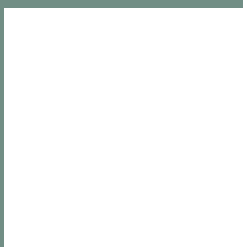
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7167, 24.5502, 25.8371

Background



This preview shows how black text looks on a background with the XYZ color 20.7167, 24.5502, 25.8371.



This preview shows how white text looks on a background with the XYZ color 20.7167, 24.5502,

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

20.7167, 24.5502, 25.8371

Protanopia

23.2739, 24.4019, 24.2522

Deuteranopia

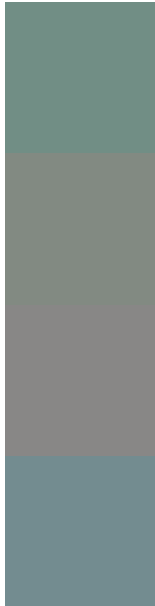
24.8839, 24.3714, 26.3143



Tritanopia

22.0210, 24.4126, 32.8296

Trichromacy



Original Color

20.7167, 24.5502, 25.8371

Protanomaly

22.3237, 24.5345, 24.6781

Deuteranomaly

23.1204, 24.2834, 26.0228

Tritanomaly

21.4824, 24.4146, 29.9658

Monochromacy



Original Color

20.7167, 24.5502, 25.8371

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4265, 23.6342, 25.2624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7167, 24.5502, 25.8371 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(113, 142, 133)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 133)  
}
```

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(113, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.7167, 24.5502, 25.8371 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(113, 142, 133) }
```


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

```
.border{ border-color:rgb(113, 142, 133) }
```

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

Here you see how a box with a 4 pixel rgb(113, 142, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7167, 24.5502, 25.8371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 133) }
```

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

```
.background{ background-color: rgb(113,  
142, 133) }
```

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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