

Converting Colors

XYZ(20.6109, 24.2953, 25.9350)

Have a look what the booklet for
XYZ(20.6109, 24.2953, 25.9350)
contains.

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Color

**XYZ(20.5686, 24.2539,
25.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	718D85
RGB	113, 141, 133
RGB Percent	44%, 55%, 52%
CMY	0.5569, 0.4470, 0.4784
CMYK	0.20, 0.00, 0.06, 0.45
HSL	163°, 11%, 50%
HSV	163°, 20%, 55%
XYZ	20.5686, 24.2539, 25.7877
YIQ	131.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

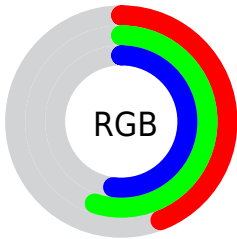
Format	Color
R_{YB}	113, 129, 141
Decimal	7441797
CIE Lab	56.34, -11.63, 0.98
CIE LCh	56, 11.670, 175.159
Yxy	24.2539, 0.2913, 0.3435
Android (android.graphics.Color)	4285631877 (0xFF718D85)
YUV	131.7160, 0.6330, -16.4139
Hunter-Lab	49.2482, -11.6337, 3.4279

Details

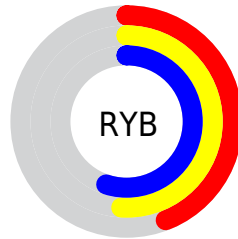
The XYZ color **20.5686, 24.2539, 25.7877** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3417, 18.8542, 20.6574**, and the grayscale version is **21.8319, 22.9688, 25.0131**.

A 20% lighter version of the original color is **43.8951, 50.5747, 53.9028**, and **7.4557, 9.2123, 9.7727** is the 20% darker color. If you saturate the color by 10%, you get **18.6207, 23.2819, 24.2715**, and if you desaturate by 10%, it is **22.8104, 25.3775, 27.3745**.

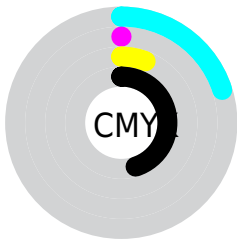
Distribution



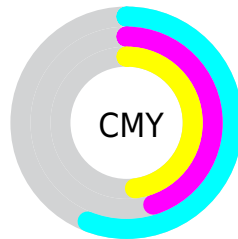
- Red (44%)
- Green (55%)
- Blue (52%)



- Red (44%)
- Yellow (51%)
- Blue (55%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (56%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5686, 24.2539, 25.7877 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 20.5686, 24.2539, 25.7877 by changing the saturation by 10% instead.

■ 20.5686, 24.2539,
25.7877

■ 20.5686, 24.2539,
25.7877

247.7522,
274.1016, 295.3106

■ 12.9197, 15.5221,
16.4405

■ 43.8652, 50.4442,
53.9121

■ 7.4499, 9.1866,
9.6787

■ 60.2435, 68.6715,
73.5265

■ 3.7938, 4.8631,
5.0836

■ 80.2624, 90.8327,
97.4003

■ 1.5862, 2.1672,
2.2368

■ 104.2872,
117.3122, 125.9522

■ 0.3834, 0.7020,
0.6955

132.6832,
148.4945, 159.6006

■ 0.0000, 0.0000,
0.0000

165.8158,

184.7639, 198.7641

204.0503,
226.5048, 243.8613

■ 20.5686, 24.2539,
25.7877

■ 20.5686, 24.2539,
25.7877

■ 18.6207, 23.2819,
24.2715

■ 22.8104, 25.3775,
27.3745

■ 16.9516, 22.4518,
22.8229

■ 25.3564, 26.6559,
29.0313

■ 15.5478, 21.7572,
21.4413

■ 28.2187, 28.0962,
30.7600

■ 14.3940, 21.1904,
20.1253

■ 31.4084, 29.7040,
32.5615

■ 13.4732, 20.7424,
18.8734

■ 34.9356, 31.4845,
34.4369

■ 12.7661, 20.4035,
17.6840

■ 38.8106, 33.4429,
36.3873

■ 12.2504, 20.1621,
16.5555

■ 43.0426, 35.5842,
38.4137

■ 11.8653, 19.9869,
15.4844

■ 47.6410, 37.9129,
40.5171

■ 11.8600, 19.9845,
15.4696

■ 52.6144, 40.4337,
42.6983

Harmonies

Analogous

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



20.9929, 24.2539, 22.3959



20.5686, 24.2539, 25.7877



20.7884, 24.2539, 29.6866

Triad

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



20.5686, 24.2539, 25.7877



24.1705, 24.2539, 33.7019



24.5631, 24.2539, 20.7799

Complementary

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



20.5686, 24.2539, 25.7877



20.3417, 18.8542, 20.6574

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.



25.4755, 24.2539, 23.3808



20.5686, 24.2539, 25.7877



25.2428, 24.2539, 30.8736

Square

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



20.5686, 24.2539, 25.7877



22.8349, 24.2539, 34.5044



25.7290, 24.2539, 27.0389



23.2717, 24.2539, 19.6895

Rectangle

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



20.5686, 24.2539, 25.7877



21.2753, 24.2539, 32.0207



25.7290, 24.2539, 27.0389



24.9263, 24.2539, 21.4935

Sweetspot

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



20.5693, 24.2549, 25.7882



42.4836, 46.2656, 50.1129



20.4477, 24.3369, 19.2431



9.4341, 10.3061, 11.1568



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.



20.5693, 24.2549, 25.7882



35.1461, 42.5908, 44.9005



20.3385, 22.8745, 28.5437



5.4954, 6.0904, 6.5749



10.8207, 18.2241, 14.1417



0.1130, 0.1780, 0.1853

Inverse Universe

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



20.3417, 18.8542, 20.6574



34.6599, 31.0331, 33.9240



20.5153, 19.9544, 18.3936



5.4683, 5.4479, 5.9641



10.3758, 5.3073, 2.3643



0.1077, 0.0542, 0.0676

Previews

White Background



This preview shows how the XYZ color 20.5686, 24.2539, 25.7877 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 20.5686, 24.2539, 25.7877 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 20.5686, 24.2539, 25.7877

Background



This preview shows how black text looks on a background with the XYZ color 20.5686, 24.2539, 25.7877.



This preview shows how white text looks on a background with the XYZ color 20.5686, 24.2539,

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

20.5686, 24.2539, 25.7877

Protanopia

22.9688, 24.0384, 24.1982

Deuteranopia

24.3884, 23.9176, 26.2528



Tritanopia

21.9401, 24.3802, 32.4037

Trichromacy



Original Color

20.5686, 24.2539, 25.7877

Protanomaly

22.0282, 24.1702, 24.6234

Deuteranomaly

22.8198, 23.9223, 25.9690

Tritanomaly

21.4824, 24.4146, 29.9658

Monochromacy



Original Color

20.5686, 24.2539, 25.7877

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.2863, 23.3539, 25.2156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5686, 24.2539, 25.7877 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, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(113, 141, 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, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 141, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.5686, 24.2539, 25.7877 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, 141, 133) }
```


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

```
.border{ border-color:rgb(113, 141, 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, 141, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(113, 141,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5686, 24.2539, 25.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 141, 133) }
```

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

```
.background{ background-color: rgb(113,  
141, 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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