

Converting Colors

XYZ(20.6566, 24.4519, 25.5406)

Have a look what the booklet for
XYZ(20.6566, 24.4519, 25.5406)
contains.

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Color

**XYZ(20.6479, 24.5227,
25.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	718E84
RGB	113, 142, 132
RGB Percent	44%, 56%, 52%
CMY	0.5569, 0.4431, 0.4823
CMYK	0.20, 0.00, 0.07, 0.44
HSL	159°, 11%, 50%
HSV	159°, 20%, 56%
XYZ	20.6479, 24.5227, 25.4749
YIQ	132.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

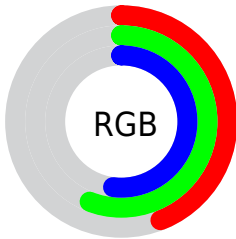
Format	Color
R_YB	113, 131, 142
Decimal	7442052
CIE _{Lab}	56.61, -12.39, 1.95
CIE _{LCh}	57, 12.542, 171.073
Yxy	24.5227, 0.2923, 0.3471
Android (android.graphics.Color)	4285632132 (0xFF718E84)
YUV	132.1890, -0.0932, -16.8288
Hunter-Lab	49.5204, -12.2338, 4.1636

Details

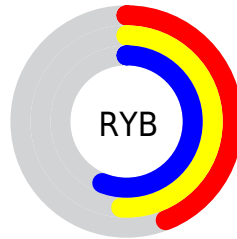
The XYZ color **20.6479, 24.5227, 25.4749** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6365, 18.9917, 21.3180**, and the grayscale version is **22.0048, 23.1508, 25.2112**.

A 20% lighter version of the original color is **44.0139, 50.9820, 53.4197**, and **7.5028, 9.3688, 9.5965** is the 20% darker color. If you saturate the color by 10%, you get **18.6349, 23.5234, 23.6725**, and if you desaturate by 10%, it is **22.9640, 25.6777, 27.3747**.

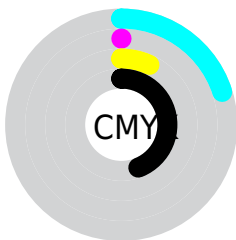
Distribution



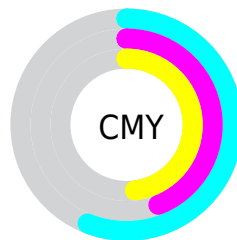
- Red (44%)
- Green (56%)
- Blue (52%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6479, 24.5227, 25.4749 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 20.6479, 24.5227, 25.4749 by changing the saturation by 10% instead.

■ 20.6479, 24.5227,
25.4749

■ 20.6479, 24.5227,
25.4749

248.1686,
275.4525, 293.7178

■ 12.9779, 15.7218,
16.2090

■ 43.9965, 50.8818,
53.4002

■ 7.4902, 9.3275,
9.5162

■ 60.4058, 69.2089,
72.8968

■ 3.8195, 4.9554,
4.9780

■ 80.4589, 91.4801,
96.6406

■ 1.6006, 2.2211,
2.1758

■ 104.5211,
118.0799, 125.0502

■ 0.3928, 0.7315,
0.6604

132.9578,
149.3926, 158.5442

■ 0.0000, 0.0000,
0.0000

166.1344,

185.8027, 197.5411

204.4162,
227.6945, 242.4595

■ 20.6479, 24.5227,
25.4749

■ 20.6479, 24.5227,
25.4749

■ 18.6349, 23.5234,
23.6725

■ 22.9640, 25.6777,
27.3747

■ 16.9093, 22.6699,
21.9640

■ 25.5936, 26.9918,
29.3719

■ 15.4573, 21.9556,
20.3483

■ 28.5493, 28.4722,
31.4686

■ 14.2632, 21.3725,
18.8233

■ 31.8423, 30.1246,
33.6665

■ 13.3093, 20.9116,
17.3871

■ 35.4834, 31.9545,
35.9671

■ 12.5759, 20.5626,
16.0376

■ 39.4827, 33.9671,
38.3719

■ 12.0398, 20.3137,
14.7724

■ 43.8501, 36.1676,
40.8822

■ 11.6506, 20.1378,
13.6358

■ 48.5950, 38.5606,
43.4996

■ 53.7263, 41.1509,
46.2255

Harmonies

Analogous

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



21.1953, 24.5227, 21.9691



20.6479, 24.5227, 25.4749



20.7898, 24.5227, 29.6919

Triad

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



20.6479, 24.5227, 25.4749



24.3302, 24.5227, 34.9118



25.1136, 24.5227, 20.9316

Complementary

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



20.6479, 24.5227, 25.4749



20.6365, 18.9917, 21.3180

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.



26.0220, 24.5227, 23.9181



20.6479, 24.5227, 25.4749



25.5568, 24.5227, 32.0679

Square

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



20.6479, 24.5227, 25.4749



22.8759, 24.5227, 35.4400



26.1875, 24.5227, 27.9659



23.7457, 24.5227, 19.5315

Rectangle

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



20.6479, 24.5227, 25.4749



21.2587, 24.5227, 32.3287



26.1875, 24.5227, 27.9659



25.4851, 24.5227, 21.7676

Sweetspot

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



20.6486, 24.5237, 25.4754



42.4172, 46.2391, 49.7631



20.8443, 24.7614, 19.3039



9.4180, 10.2996, 11.0719



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.



20.6486, 24.5237, 25.4754



34.5357, 42.3113, 43.2804



20.7317, 23.5414, 29.0437



5.4823, 6.0851, 6.5057



10.4688, 18.0834, 12.2890



0.1105, 0.1771, 0.1723

Inverse Universe

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



20.6365, 18.9917, 21.3180



34.5106, 30.5495, 34.4446



20.5389, 19.7479, 18.3523



5.4809, 5.4529, 6.0303



10.5211, 5.3654, 3.1293



0.1102, 0.0551, 0.0806

Previews

White Background



This preview shows how the XYZ color 20.6479, 24.5227, 25.4749 looks on a white background.

Color Contrast Check

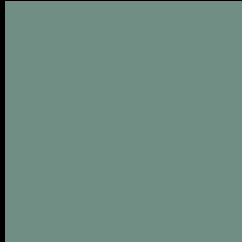
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6479, 24.5227, 25.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

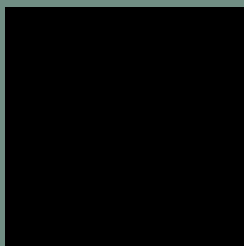
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

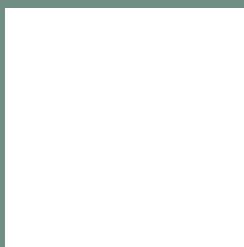
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6479, 24.5227, 25.4749

Background



This preview shows how black text looks on a background with the XYZ color 20.6479, 24.5227, 25.4749.



This preview shows how white text looks on a background with the XYZ color 20.6479, 24.5227,

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

20.6479, 24.5227, 25.4749

Protanopia

23.3755, 24.4619, 23.9117

Deuteranopia

24.8138, 24.3434, 25.9452



Tritanopia

21.9401, 24.3802, 32.4037

Trichromacy



Original Color

20.6479, 24.5227, 25.4749

Protanomaly

22.2568, 24.5078, 24.3263

Deuteranomaly

23.0510, 24.2556, 25.6572

Tritanomaly

21.4062, 24.3842, 29.5650

Monochromacy



Original Color

20.6479, 24.5227, 25.4749

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 20.6479, 24.5227, 25.4749 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.6479, 24.5227, 25.4749 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, 132) }
```


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

```
.border{ border-color:rgb(113, 142, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6479, 24.5227, 25.4749 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, 132) }
```

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

```
.background{ background-color: rgb(113,  
142, 132) }
```

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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