

Converting Colors

XYZ(20.7284, 24.5721, 29.4172)

Have a look what the booklet for
XYZ(20.7284, 24.5721, 29.4172)
contains.

XYZ(20.6189, 24.4248, 29.2189)	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(20.6189, 24.4248,
29.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8E8E
RGB	107, 142, 142
RGB Percent	42%, 56%, 56%
CMY	0.5804, 0.4431, 0.4431
CMYK	0.25, 0.00, 0.00, 0.44
HSL	180°, 14%, 49%
HSV	180°, 25%, 56%
XYZ	20.6189, 24.4248, 29.2189
YIQ	131.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

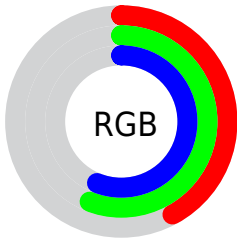
Format	Color
R_{YB}	107, 125, 142
Decimal	7048846
CIE _{Lab}	56.51, -12.11, -3.98
CIE _{LCh}	57, 12.752, 198.205
Yxy	24.4248, 0.2776, 0.3289
Android (android.graphics.Color)	4285238926 (0xFF6B8E8E)
YUV	131.5350, 5.1592, -21.5172
Hunter-Lab	49.4215, -12.0164, -0.4584

Details

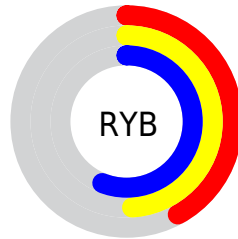
The XYZ color **20.6189, 24.4248, 29.2189** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0677, 17.3284, 16.2507**, and the grayscale version is **21.7529, 22.8857, 24.9226**.

A 20% lighter version of the original color is **44.0018, 50.8363, 59.7178**, and **7.5038, 9.3265, 11.5299** is the 20% darker color. If you saturate the color by 10%, you get **19.0501, 23.6167, 29.1457**, and if you desaturate by 10%, it is **22.4696, 25.3795, 29.3063**.

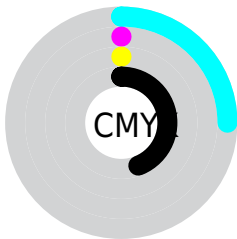
Distribution



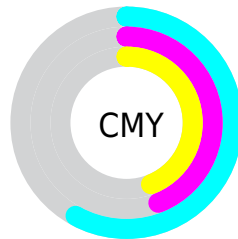
- Red (42%)
- Green (56%)
- Blue (56%)



- Red (42%)
- Yellow (49%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6189, 24.4248, 29.2189 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 20.6189, 24.4248, 29.2189 by changing the saturation by 10% instead.

■ 20.6189, 24.4248,
29.2189

■ 20.6189, 24.4248,
29.2189

248.0164,
274.9611, 312.3396

■ 12.9566, 15.6490,
18.9995

■ 43.9485, 50.7225,
59.4710

■ 7.4755, 9.2761,
11.4931

■ 60.3465, 69.0133,
80.3408

■ 3.8101, 4.9217,
6.2812

■ 80.3870, 91.2445,
105.5978

■ 1.5953, 2.2014,
2.9453

■ 104.4356,
117.8006, 135.6605

■ 0.3893, 0.7208,
1.0668

132.8574,
149.0658, 170.9475

■ 0.0000, 0.0000,
0.0000

166.0179,

185.4248, 211.8773

204.2825,
227.2618, 258.8685

■ 20.6189, 24.4248,
29.2189

■ 20.6189, 24.4248,
29.2189

■ 19.0501, 23.6167,
29.1457

■ 22.4696, 25.3795,
29.3063

■ 17.7473, 22.9450,
29.0844

■ 24.6126, 26.4843,
29.4069

■ 16.6963, 22.4033,
29.0350

■ 27.0608, 27.7463,
29.5218

■ 15.8811, 21.9830,
28.9965

■ 29.8254, 29.1715,
29.6515

■ 15.2833, 21.6748,
28.9682

■ 32.9171, 30.7654,
29.7965

■ 14.8821, 21.4681,
28.9492

■ 36.3461, 32.5331,
29.9572

■ 14.6507, 21.3488,
28.9380

■ 40.1223, 34.4797,
30.1343

■ 14.5556, 21.2997,
28.9334

■ 44.2548, 36.6101,
30.3280

■ 48.7529, 38.9290,
30.5388

Harmonies

Analogous

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



20.5430, 24.4248, 24.9654



20.6189, 24.4248, 29.2189



21.3722, 24.4248, 33.1349

Triad

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



20.6189, 24.4248, 29.2189



25.3987, 24.4248, 32.3954



23.8008, 24.4248, 19.3970

Complementary

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



20.6189, 24.4248, 29.2189



19.0677, 17.3284, 16.2507

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.



25.1609, 24.4248, 20.9768



20.6189, 24.4248, 29.2189



26.1093, 24.4248, 28.2929

Square

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



20.6189, 24.4248, 29.2189



24.1142, 24.4248, 35.0987



26.0204, 24.4248, 24.1321



22.3385, 24.4248, 19.5885

Rectangle

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



20.6189, 24.4248, 29.2189



22.1759, 24.4248, 34.8893



26.0204, 24.4248, 24.1321



24.2862, 24.4248, 19.7310

Sweetspot

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



20.6196, 24.4258, 29.2195



42.4070, 46.1886, 51.8077



18.4614, 23.5706, 17.4870



9.4300, 10.2948, 11.5694



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.



20.6196, 24.4258, 29.2195



34.6476, 42.1885, 51.4433



18.2908, 19.7679, 28.4439



5.5603, 6.1163, 6.9162



13.0682, 19.1231, 25.9768



0.1249, 0.1828, 0.2484

Inverse Universe

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



19.0677, 17.3284, 16.2507



31.3894, 27.2877, 24.2157



21.0073, 21.2076, 16.8967



5.4089, 5.4241, 5.6513



10.0159, 5.1634, 0.4689



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 20.6189, 24.4248, 29.2189 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 20.6189, 24.4248, 29.2189 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

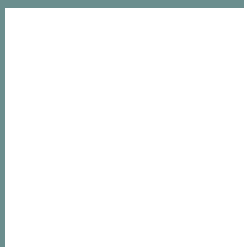
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6189, 24.4248, 29.2189

Background



This preview shows how black text looks on a background with the XYZ color 20.6189, 24.4248, 29.2189.



This preview shows how white text looks on a background with the XYZ color 20.6189, 24.4248,

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

20.6189, 24.4248, 29.2189

Protanopia

23.4291, 24.2035, 27.4817

Deuteranopia

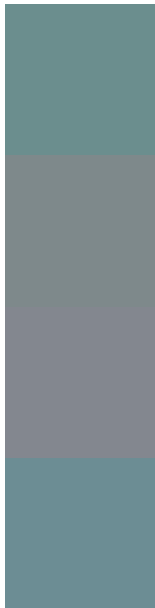
24.6519, 24.1755, 29.7526



Tritanopia

21.3523, 24.2744, 33.2658

Trichromacy



Original Color

20.6189, 24.4248, 29.2189

Protanomaly

22.2100, 24.1910, 27.9248

Deuteranomaly

22.9820, 24.1364, 29.4341

Tritanomaly

21.0545, 24.3760, 31.6123

Monochromacy



Original Color

20.6189, 24.4248, 29.2189

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4165, 23.5968, 26.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6189, 24.4248, 29.2189 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(107, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 142)  
}
```

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(107, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 20.6189, 24.4248, 29.2189 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(107, 142, 142) }
```


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

```
.border{ border-color:rgb(107, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(107, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6189, 24.4248, 29.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 142) }
```

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

```
.background{ background-color: rgb(107,  
142, 142) }
```

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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