

Converting Colors

XYZ(20.6243, 25.0871, 23.3258)

Have a look what the booklet for
XYZ(20.6243, 25.0871, 23.3258)
contains.

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Color

**XYZ(20.5492, 24.9636,
23.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	71907E
RGB	113, 144, 126
RGB Percent	44%, 56%, 49%
CMY	0.5569, 0.4353, 0.5059
CMYK	0.22, 0.00, 0.13, 0.44
HSL	145°, 12%, 50%
HSV	145°, 22%, 56%
XYZ	20.5492, 24.9636, 23.4741
YIQ	132.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

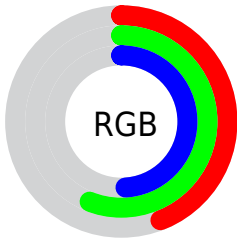
Format	Color
RYB	113, 135, 144
Decimal	7442558
CIELab	57.04, -14.73, 6.01
CIELCh	57, 15.912, 157.821
Yxy	24.9636, 0.2979, 0.3619
Android (android.graphics.Color)	4285632638 (0xFF71907E)
YUV	132.6790, -3.2927, -17.2585
Hunter-Lab	49.9636, -14.0222, 7.1186

Details

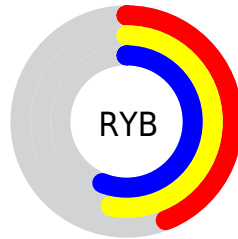
The XYZ color **20.5492, 24.9636, 23.4741** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5043, 19.3788, 24.0808**, and the grayscale version is **22.1931, 23.3489, 25.4269**.

A 20% lighter version of the original color is **43.8478, 51.6422, 50.3047**, and **7.4566, 9.6312, 8.4872** is the 20% darker color. If you saturate the color by 10%, you get **18.3244, 23.8771, 20.6704**, and if you desaturate by 10%, it is **23.1145, 26.2218, 26.5303**.

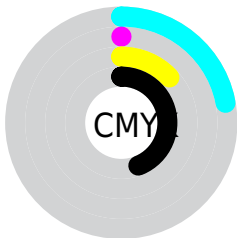
Distribution



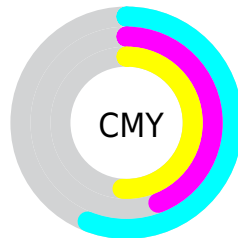
- Red (44%)
- Green (56%)
- Blue (49%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5492, 24.9636, 23.4741 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 20.5492, 24.9636, 23.4741 by changing the saturation by 10% instead.

■ 20.5492, 24.9636,
23.4741

■ 20.5492, 24.9636,
23.4741

247.6502,
277.6566, 283.3512

■ 12.9055, 16.0499,
14.7354

■ 43.8330, 51.5982,
50.1037

■ 7.4400, 9.5595,
8.4893

■ 60.2038, 70.0879,
68.8316

■ 3.7875, 5.1079,
4.3174

■ 80.2143, 92.5384,
91.7263

■ 1.5827, 2.3107,
1.8010

■ 104.2299,
119.3340, 119.2064

■ 0.3811, 0.7794,
0.4286

132.6159,
150.8593, 151.6904

■ 0.0000, 0.0000,
0.0000

165.7378,

187.4986, 189.5969

203.9608,
229.6362, 233.3443

■ 20.5492, 24.9636,
23.4741

■ 20.5492, 24.9636,
23.4741

■ 18.3244, 23.8771,
20.6704

■ 23.1145, 26.2218,
26.5303

■ 16.4231, 22.9517,
18.1110

■ 26.0321, 27.6556,
29.8434

■ 14.8300, 22.1801,
15.7899

■ 29.3161, 29.2727,
33.4201

■ 13.5274, 21.5535,
13.7000

■ 32.9788, 31.0796,
37.2660

■ 12.4960, 21.0620,
11.8339

■ 37.0321, 33.0822,
41.3868

■ 11.7138, 20.6945,
10.1837

■ 41.4875, 35.2862,
45.7878

■ 11.1554, 20.4380,
8.7412

■ 46.3557, 37.6971,
50.4743

■ 10.7996, 20.2778,
7.6734

■ 51.6472, 40.3203,
55.4514

■ 57.3722, 43.1609,
60.7241

Harmonies

Analogous

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



21.5888, 24.9636, 19.8275



20.5492, 24.9636, 23.4741



20.3385, 24.9636, 28.6074

Triad

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



20.5492, 24.9636, 23.4741



24.2201, 24.9636, 38.7197



26.6840, 24.9636, 21.3400

Complementary

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



20.5492, 24.9636, 23.4741



21.5043, 19.3788, 24.0808

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.



27.4728, 24.9636, 25.8031



20.5492, 24.9636, 23.4741



26.0023, 24.9636, 36.1595

Square

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



20.5492, 24.9636, 23.4741



22.3948, 24.9636, 37.8820



27.2169, 24.9636, 31.2592



25.1114, 24.9636, 18.7129

Rectangle

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



20.5492, 24.9636, 23.4741



20.6855, 24.9636, 32.2789



27.2169, 24.9636, 31.2592



27.0533, 24.9636, 22.6505

Sweetspot

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



20.5499, 24.9646, 23.4747



43.4695, 47.5744, 49.8928



22.3278, 25.9719, 19.4593



9.9018, 10.8771, 11.3658



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.5499, 24.9646, 23.4747



34.2062, 43.0333, 38.8721



21.6229, 25.3939, 29.1252



5.4308, 6.0646, 6.2346



9.4153, 17.6620, 6.7412



0.1006, 0.1731, 0.1202

Inverse Universe

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



21.5043, 19.3788, 24.0808



36.2086, 31.3113, 40.1418



20.5356, 18.9913, 18.9799



5.5319, 5.4733, 6.2989



11.4081, 5.7203, 7.8005



0.1201, 0.0591, 0.1326

Previews

White Background



This preview shows how the XYZ color 20.5492, 24.9636, 23.4741 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 20.5492, 24.9636, 23.4741 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

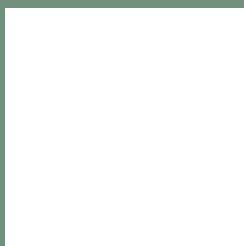
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5492, 24.9636, 23.4741

Background



This preview shows how black text looks on a background with the XYZ color 20.5492, 24.9636, 23.4741.



This preview shows how white text looks on a background with the XYZ color 20.5492, 24.9636,

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

20.5492, 24.9636, 23.4741

Protanopia

23.4723, 24.7642, 21.9552

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

22.5168, 24.8747, 33.3203

Trichromacy



Original Color

20.5492, 24.9636, 23.4741

Protanomaly

22.1678, 24.7206, 22.3421

Deuteranomaly

23.1817, 24.5701, 23.9428

Tritanomaly

21.6853, 24.7459, 29.6201

Monochromacy



Original Color

20.5492, 24.9636, 23.4741

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5791, 23.9386, 24.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5492, 24.9636, 23.4741 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, 144, 126)` looks like.

```
.text, #text, p{  
    color:rgb(113, 144, 126)  
}
```

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, 144, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 144, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.5492, 24.9636, 23.4741 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, 144, 126) }
```


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

```
.border{ border-color:rgb(113, 144, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 144, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 144, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 144, 126);  
box-shadow:4px 4px 4px 4px rgb(113, 144,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5492, 24.9636, 23.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 144, 126) }
```

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

```
.background{ background-color: rgb(113,  
144, 126) }
```

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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