

Converting Colors

XYZ(20.5168, 25.5758, 30.4452)

Have a look what the booklet for
XYZ(20.5168, 25.5758, 30.4452)
contains.

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Color

**XYZ(20.4743, 25.4532,
30.6219)**

Conversions

Conversions Part 1

Format	Color
Hex	619391
RGB	97, 147, 145
RGB Percent	38%, 58%, 57%
CMY	0.6196, 0.4235, 0.4314
CMYK	0.34, 0.00, 0.01, 0.42
HSL	178°, 20%, 48%
HSV	178°, 34%, 58%
XYZ	20.4743, 25.4532, 30.6219
YIQ	131.8220, -29.1580, -11.2220

Conversions

Conversions Part 2

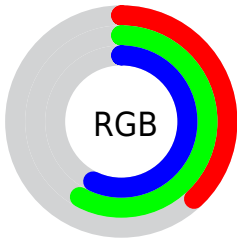
Format	Color
R _Y B	97, 123, 147
Decimal	6394769
CIE Lab	57.51, -17.14, -4.29
CIE LCh	58, 17.672, 194.036
Yxy	25.4532, 0.2675, 0.3325
Android (android.graphics.Color)	4284584849 (0xFF619391)
YUV	131.8220, 6.4968, -30.5389
Hunter-Lab	50.4512, -15.8499, -0.6709

Details

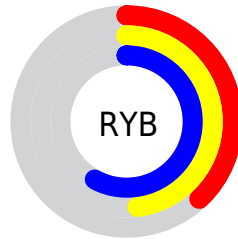
The XYZ color **20.4743, 25.4532, 30.6219** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5603, 15.6539, 13.8486**, and the grayscale version is **21.8535, 22.9916, 25.0378**.

A 20% lighter version of the original color is **43.7731, 52.3808, 61.8363**, and **7.3751, 9.7728, 12.3241** is the 20% darker color. If you saturate the color by 10%, you get **19.0058, 24.7020, 30.3174**, and if you desaturate by 10%, it is **22.2348, 26.3562, 30.9424**.

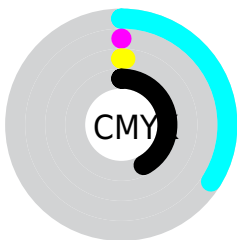
Distribution



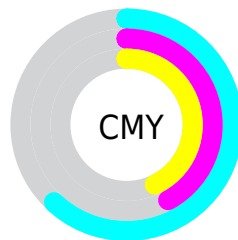
- Red (38%)
- Green (58%)
- Blue (57%)



- Red (38%)
- Yellow (48%)
- Blue (58%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4743, 25.4532, 30.6219 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 20.4743, 25.4532, 30.6219 by changing the saturation by 10% instead.

■ 20.4743, 25.4532,
30.6219

■ 20.4743, 25.4532,
30.6219

247.2563,
280.0874, 319.0897

■ 12.8505, 16.4150,
20.0551

■ 43.7089, 52.3915,
61.7169

■ 7.4020, 9.8183,
12.2506

■ 60.0504, 71.0604,
83.0821

■ 3.7633, 5.2787,
6.7900

■ 80.0285, 93.7084,
108.8839

■ 1.5691, 2.4117,
3.2547

■ 104.0087,
120.7197, 139.5407

■ 0.3722, 0.8319,
1.2261

132.3562,
152.4789, 175.4712

■ 0.0000, 0.0000,
0.0000

165.4364,

■ 0.0000, 0.0000,

189.3704, 217.0938

0.0000

203.6146,
231.7784, 264.8271

■ 20.4743, 25.4532,
30.6219

■ 20.4743, 25.4532,
30.6219

■ 19.0058, 24.7020,
30.3174

■ 22.2348, 26.3562,
30.9424

■ 17.8109, 24.0913,
30.0264

■ 24.3000, 27.4155,
31.2778

■ 16.8729, 23.6129,
29.7486

■ 26.6843, 28.6394,
31.6294

■ 16.1721, 23.2567,
29.4831

■ 29.4008, 30.0344,
31.9978

■ 15.6860, 23.0112,
29.2290

■ 32.4616, 31.6070,
32.3835

■ 15.3871, 22.8623,
28.9848

■ 35.8785, 33.3630,
32.7872

■ 15.2506, 22.7950,
28.8411

■ 39.6624, 35.3083,
33.2092

■ 43.8241, 37.4482,
33.6502

■ 48.3736, 39.7881,
34.1105

Harmonies

Analogous

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



20.5058, 25.4532, 24.6467



20.4743, 25.4532, 30.6219



21.3977, 25.4532, 36.5783

Triad

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



20.4743, 25.4532, 30.6219



27.1166, 25.4532, 36.9111



25.3229, 25.4532, 17.9962

Complementary

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



20.4743, 25.4532, 30.6219



18.5603, 15.6539, 13.8486

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.



27.2206, 25.4532, 20.4120



20.4743, 25.4532, 30.6219



28.2965, 25.4532, 31.0262

Square

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



20.4743, 25.4532, 30.6219



25.1876, 25.4532, 40.5501



28.3356, 25.4532, 24.9967



23.2240, 25.4532, 17.9207

Rectangle

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



20.4743, 25.4532, 30.6219



22.4633, 25.4532, 39.4976



28.3356, 25.4532, 24.9967



26.0082, 25.4532, 18.5438

Sweetspot

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



20.4750, 25.4542, 30.6225



45.0734, 49.8945, 56.2481



17.7925, 24.4125, 15.0840



10.1679, 11.3275, 12.8220



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.4750, 25.4542, 30.6225



34.5636, 44.5063, 54.4083



17.4674, 19.1897, 30.3884



5.9542, 6.5583, 7.3697



13.2231, 19.7620, 25.0144



0.1644, 0.2429, 0.3194

Inverse Universe

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



18.5603, 15.6539, 13.8486



30.5869, 24.1433, 19.5640



20.8477, 20.3799, 14.1446



5.8096, 5.8189, 6.1038



10.4619, 5.3898, 0.6473



0.1299, 0.0667, 0.0178

Previews

White Background



This preview shows how the XYZ color 20.4743, 25.4532, 30.6219 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 20.4743, 25.4532, 30.6219 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

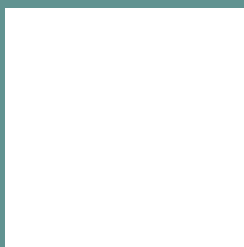
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4743, 25.4532, 30.6219

Background



This preview shows how black text looks on a background with the XYZ color 20.4743, 25.4532, 30.6219.



This preview shows how white text looks on a background with the XYZ color 20.4743, 25.4532,

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

20.4743, 25.4532, 30.6219

Protanopia

24.4211, 25.3308, 28.0283

Deuteranopia

25.7245, 25.2993, 31.5444



Tritanopia

21.4667, 25.3944, 35.6685

Trichromacy



Original Color

20.4743, 25.4532, 30.6219

Protanomaly

22.6448, 25.2579, 28.8811

Deuteranomaly

23.4012, 25.1610, 31.2270

Tritanomaly

21.1742, 25.5103, 33.9450

Monochromacy



Original Color

20.4743, 25.4532, 30.6219

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0688, 23.6194, 27.1155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4743, 25.4532, 30.6219 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(97, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(97, 147, 145)  
}
```

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(97, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 147, 145) }
```

Border

The CSS property to change the border of an element to XYZ 20.4743, 25.4532, 30.6219 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(97, 147, 145) }
```


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

```
.border{ border-color:rgb(97, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 147,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4743, 25.4532, 30.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 147, 145) }
```

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

```
.background{ background-color: rgb(97, 147,  
145) }
```

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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