

Converting Colors

XYZ(20.6703, 25.0985, 34.9118)

Have a look what the booklet for
XYZ(20.6703, 25.0985, 34.9118)
contains.

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Color

**XYZ(20.5560, 24.9445,
34.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	5D919B
RGB	93, 145, 155
RGB Percent	36%, 57%, 61%
CMY	0.6353, 0.4314, 0.3922
CMYK	0.40, 0.06, 0.00, 0.39
HSL	190°, 25%, 49%
HSV	190°, 40%, 61%
XYZ	20.5560, 24.9445, 34.7417
YIQ	130.5920, -34.2020, -7.9140

Conversions

Conversions Part 2

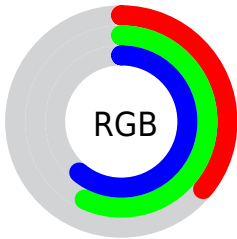
Format	Color
R_{YB}	93, 121, 155
Decimal	6132123
CIE _{Lab}	57.02, -14.62, -10.77
CIE _{LCh}	57, 18.158, 216.368
Yxy	24.9445, 0.2562, 0.3109
Android (android.graphics.Color)	4284322203 (0xFF5D919B)
YUV	130.5920, 12.0331, -32.9682
Hunter-Lab	49.9445, -13.9363, -6.2814

Details

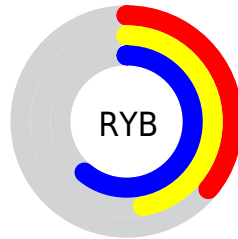
The XYZ color **20.5560, 24.9445, 34.7417** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3440, 17.4598, 12.6544**, and the grayscale version is **21.3959, 22.5102, 24.5136**.

A 20% lighter version of the original color is **43.7861, 51.5613, 67.9662**, and **7.4158, 9.4763, 14.5350** is the 20% darker color. If you saturate the color by 10%, you get **18.7658, 23.4613, 34.5502**, and if you desaturate by 10%, it is **22.6742, 26.6104, 34.9520**.

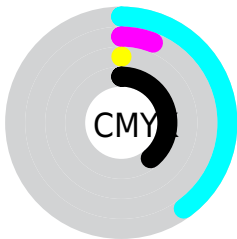
Distribution



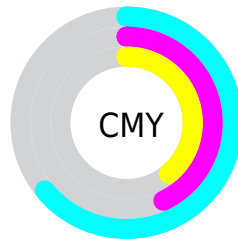
- Red (36%)
- Green (57%)
- Blue (61%)



- Red (36%)
- Yellow (47%)
- Blue (61%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5560, 24.9445, 34.7417 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 20.5560, 24.9445, 34.7417 by changing the saturation by 10% instead.

■ 20.5560, 24.9445,
34.7417

■ 20.5560, 24.9445,
34.7417

247.6860,
277.5614, 338.2963

■ 12.9104, 16.0357,
23.1820

■ 43.8443, 51.5672,
68.2325

■ 7.4435, 9.5494,
14.5214

■ 60.2177, 70.0498,
91.0006

■ 3.7897, 5.1013,
8.3413

■ 80.2312, 92.4926,
118.3420

■ 1.5839, 2.3068,
4.2232

■ 104.2500,
119.2798, 150.6751

■ 0.3819, 0.7773,
1.7486

132.6395,
150.7959, 188.4186

■ 0.0000, 0.0000,
0.3937

165.7651,

■ 0.0000, 0.0000,

187.4253, 231.9909

0.0000

203.9922,
229.5523, 281.8106

■ 20.5560, 24.9445,
34.7417

■ 20.5560, 24.9445,
34.7417

■ 18.7658, 23.4613,
34.5502

■ 22.6742, 26.6104,
34.9520

■ 17.2818, 22.1479,
34.3749

■ 25.1358, 28.4652,
35.1803

■ 16.0834, 20.9940,
34.2153

■ 27.9580, 30.5186,
35.4279

■ 15.1461, 19.9869,
34.0704

■ 31.1562, 32.7786,
35.6956

■ 14.4415, 19.1120,
33.9386

■ 34.7450, 35.2527,
35.9840

■ 13.8997, 18.3330,
33.8168

■ 38.7380, 37.9480,
36.2938

■ 13.8996, 18.3329,
33.8168

■ 43.1481, 40.8713,
36.6256

■ 47.9880, 44.0292,
36.9800

■ 53.2694, 47.4278,
37.3576

Harmonies

Analogous

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



19.8603, 24.9445, 28.4848



20.5560, 24.9445, 34.7417



22.1019, 24.9445, 39.4117

Triad

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



20.5560, 24.9445, 34.7417



27.6704, 24.9445, 32.1487



23.2568, 24.9445, 17.0752

Complementary

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



20.5560, 24.9445, 34.7417



20.3440, 17.4598, 12.6544

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.



25.3922, 24.9445, 17.7540



20.5560, 24.9445, 34.7417



28.0253, 24.9445, 25.8776

Square

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



20.5560, 24.9445, 34.7417



26.2264, 24.9445, 37.7645



27.1690, 24.9445, 20.7709



21.3581, 24.9445, 18.7540

Rectangle

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



20.5560, 24.9445, 34.7417



23.4500, 24.9445, 40.6575



27.1690, 24.9445, 20.7709



23.9699, 24.9445, 17.0393

Sweetspot

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



20.5568, 24.9455, 34.7423



48.8817, 53.8012, 63.3446



18.6493, 26.7356, 16.8268



10.9245, 12.0767, 14.3256



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.5568, 24.9455, 34.7423



33.9210, 42.2837, 61.9100



16.5278, 16.8876, 33.3993



6.2998, 6.8569, 7.9204



11.1873, 14.7712, 27.1692



0.1872, 0.2608, 0.4128

Inverse Universe

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



22.5434, 16.8423, 28.8518



38.0827, 26.0721, 49.3993



23.9226, 24.6168, 13.8473



6.4184, 6.3065, 7.5835



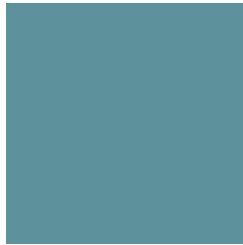
14.1056, 6.8965, 17.6128



0.2210, 0.1071, 0.3164

Previews

White Background



This preview shows how the XYZ color 20.5560, 24.9445, 34.7417 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 20.5560, 24.9445, 34.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

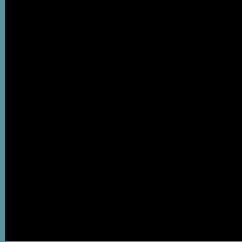
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5560, 24.9445, 34.7417

Background



This preview shows how black text looks on a background with the XYZ color 20.5560, 24.9445, 34.7417.

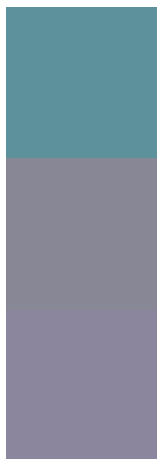


This preview shows how white text looks on a background with the XYZ color 20.5560, 24.9445,

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

20.5560, 24.9445, 34.7417

Protanopia

24.0805, 24.6488, 31.9223

Deuteranopia

25.2065, 24.7326, 35.7931



Tritanopia

20.6404, 24.9783, 35.1859

Trichromacy



Original Color

20.5560, 24.9445, 34.7417

Protanomaly

22.5643, 24.6927, 32.8551

Deuteranomaly

23.0575, 24.4632, 35.4049

Tritanomaly

20.6404, 24.9783, 35.1859

Monochromacy



Original Color

20.5560, 24.9445, 34.7417

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8739, 23.2837, 28.2050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5560, 24.9445, 34.7417 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(93, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 145, 155)  
}
```

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(93, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 145, 155) }
```

Border

The CSS property to change the border of an element to XYZ 20.5560, 24.9445, 34.7417 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(93, 145, 155) }
```


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

```
.border{ border-color:rgb(93, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 145,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5560, 24.9445, 34.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 145, 155) }
```

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

```
.background{ background-color: rgb(93, 145,  
155) }
```

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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