

Converting Colors

XYZ(25.6797, 21.0417, 35.1003)

Have a look what the booklet for
XYZ(25.6797, 21.0417, 35.1003)
contains.

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Color

**XYZ(25.5663, 20.9054,
35.0354)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6F9E
RGB	156, 111, 158
RGB Percent	61%, 44%, 62%
CMY	0.3882, 0.5647, 0.3804
CMYK	0.01, 0.30, 0.00, 0.38
HSL	297°, 20%, 53%
HSV	297°, 30%, 62%
XYZ	25.5663, 20.9054, 35.0354
YIQ	129.8130, 11.7330, 24.1570

Conversions

Conversions Part 2

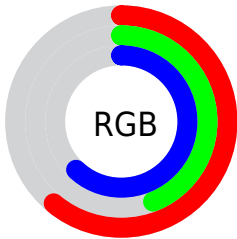
Format	Color
R _Y B	156, 111, 158
Decimal	10252190
CIE Lab	52.85, 26.01, -18.35
CIE LCh	53, 31.832, 324.798
Yxy	20.9054, 0.3137, 0.2565
Android (android.graphics.Color)	4288442270 (0xFF9C6F9E)
YUV	129.8130, 13.8962, 22.9660
Hunter-Lab	45.7224, 19.7964, -13.4260

Details

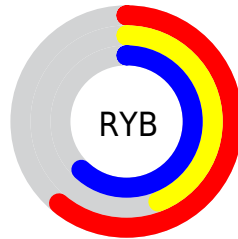
The XYZ color **25.5663, 20.9054, 35.0354** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9068, 29.1126, 19.5046**, and the grayscale version is **21.1022, 22.2012, 24.1771**.

A 20% lighter version of the original color is **51.9714, 44.8474, 68.8680**, and **10.0854, 7.4498, 14.8163** is the 20% darker color. If you saturate the color by 10%, you get **23.8630, 17.6909, 34.5050**, and if you desaturate by 10%, it is **27.5766, 24.7320, 35.6684**.

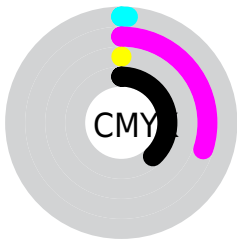
Distribution



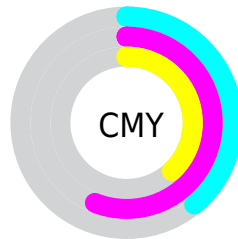
- Red (61%)
- Green (44%)
- Blue (62%)



- Red (61%)
- Yellow (44%)
- Blue (62%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5663, 20.9054, 35.0354 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 25.5663, 20.9054, 35.0354 by changing the saturation by 10% instead.

■ 25.5663, 20.9054,
35.0354

■ 25.5663, 20.9054,
35.0354

272.9424,
256.7753, 339.6336

■ 16.6304, 13.0549,
23.4064

■ 52.0108, 44.9300,
68.6928

■ 10.0650, 7.4663,
14.6857

■ 70.2501, 61.8729,
91.5583

■ 5.5047, 3.7554,
8.4550

■ 92.3212, 82.6154,
119.0063

■ 2.5841, 1.5377,
4.2955

■ 118.5896,
107.5419, 151.4554

■ 0.9379, 0.3150,
1.7888

149.4206,
137.0367, 189.3241

■ 0.0000, 0.0000,
0.4206

185.1795,

■ 0.0000, 0.0000,

171.4843, 233.0310

0.0000

226.2316,
211.2690, 282.9947

■ 25.5663, 20.9054,
35.0354

■ 25.5663, 20.9054,
35.0354

■ 23.8630, 17.6909,
34.5050

■ 27.5766, 24.7320,
35.6684

■ 22.4486, 15.0536,
34.0705

■ 29.9068, 29.1977,
36.4075

■ 21.3062, 12.9594,
33.7265

■ 32.5715, 34.3312,
37.2579

■ 20.4165, 11.3692,
33.4665

■ 35.5837, 40.1588,
38.2240

■ 19.7573, 10.2392,
33.2831

■ 38.9559, 46.7052,
39.3099

■ 19.3028, 9.5176,
33.1678

■ 42.6998, 53.9940,
40.5194

■ 18.9935, 9.0850,
33.1006

■ 46.8267, 62.0476,
41.8564

■ 18.9859, 9.0746,
33.0990

■ 51.3473, 70.8877,
43.3245

■ 56.2720, 80.5348,
44.9270

Harmonies

Analogous

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



22.6743, 20.9054, 43.7625



25.5663, 20.9054, 35.0354



26.9425, 20.9054, 24.4637

Triad

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



25.5663, 20.9054, 35.0354



20.4554, 20.9054, 8.9620



14.6121, 20.9054, 31.3395

Complementary

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



25.5663, 20.9054, 35.0354



21.9068, 29.1126, 19.5046

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.



14.1580, 20.9054, 21.1420



25.5663, 20.9054, 35.0354



17.3069, 20.9054, 9.8567

Square

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



25.5663, 20.9054, 35.0354



23.7887, 20.9054, 10.8380



15.0896, 20.9054, 13.7535



16.4071, 20.9054, 41.2450

Rectangle

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



25.5663, 20.9054, 35.0354



26.7156, 20.9054, 18.3982



15.0896, 20.9054, 13.7535



14.3067, 20.9054, 27.7673

Sweetspot

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



25.5670, 20.9063, 35.0358



54.5691, 53.5199, 66.1977



18.6722, 17.7376, 34.7876



12.1614, 11.7948, 14.8793



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.5670, 20.9063, 35.0358



44.2189, 33.7885, 62.9347



24.2902, 20.4407, 26.2765



6.8763, 6.7402, 8.3453



15.2142, 7.2722, 26.5090



0.2797, 0.1340, 0.4743

Inverse Universe

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



22.7663, 19.8311, 18.2515



38.2821, 31.5146, 27.1184



22.9582, 29.5038, 26.3692



6.6439, 6.6505, 6.9760



11.3264, 5.8351, 0.7038



0.2055, 0.1055, 0.0282

Previews

White Background



This preview shows how the XYZ color 25.5663, 20.9054, 35.0354 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 25.5663, 20.9054, 35.0354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

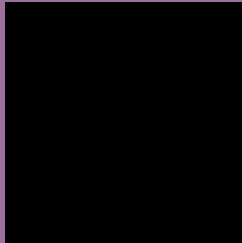
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5663, 20.9054, 35.0354

Background



This preview shows how black text looks on a background with the XYZ color 25.5663, 20.9054, 35.0354.



This preview shows how white text looks on a background with the XYZ color 25.5663, 20.9054,

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

25.5663, 20.9054, 35.0354

Protanopia

21.3409, 21.0718, 39.9883

Deuteranopia

21.5206, 21.1007, 34.3911



Tritanopia

23.0761, 20.9043, 22.5574

Trichromacy



Original Color

25.5663, 20.9054, 35.0354

Protanomaly

22.4706, 20.7804, 37.9487

Deuteranomaly

22.8360, 20.8622, 34.7215

Tritanomaly

23.8550, 20.8688, 26.8155

Monochromacy



Original Color

25.5663, 20.9054, 35.0354

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4640, 21.5483, 27.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5663, 20.9054, 35.0354 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(156, 111, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 111, 158)  
}
```

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(156, 111, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 111, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.5663, 20.9054, 35.0354 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(156, 111, 158) }
```


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

```
.border{ border-color:rgb(156, 111, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 111, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 111, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 111, 158);  
box-shadow:4px 4px 4px 4px rgb(156, 111,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5663, 20.9054, 35.0354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 111, 158) }
```

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

```
.background{ background-color: rgb(156,  
111, 158) }
```

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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