

Converting Colors

XYZ(25.4253, 28.6561, 36.5776)

Have a look what the booklet for
XYZ(25.4253, 28.6561, 36.5776)
contains.

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Color

**XYZ(25.3901, 28.5664,
36.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	7C969E
RGB	124, 150, 158
RGB Percent	49%, 59%, 62%
CMY	0.5137, 0.4118, 0.3804
CMYK	0.22, 0.05, 0.00, 0.38
HSL	194°, 15%, 55%
HSV	194°, 22%, 62%
XYZ	25.3901, 28.5664, 36.5234
YIQ	143.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

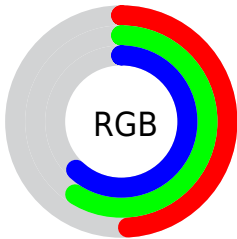
Format	Color
RYB	124, 139, 158
Decimal	8165022
CIELab	60.40, -7.28, -7.24
CIElCh	60, 10.271, 224.857
Yxy	28.5664, 0.2806, 0.3157
Android (android.graphics.Color)	4286355102 (0xFF7C969E)
YUV	143.1380, 7.3270, -16.7840
Hunter-Lab	53.4475, -8.7373, -3.1026

Details

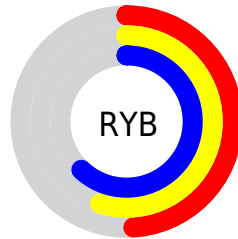
The XYZ color **25.3901, 28.5664, 36.5234** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9902, 25.2270, 22.5689**, and the grayscale version is **26.1410, 27.5024, 29.9501**.

A 20% lighter version of the original color is **51.7346, 57.3369, 71.2912**, and **9.9397, 11.4411, 15.5944** is the 20% darker color. If you saturate the color by 10%, you get **22.7036, 26.3156, 36.2310**, and if you desaturate by 10%, it is **28.4630, 31.0458, 36.8405**.

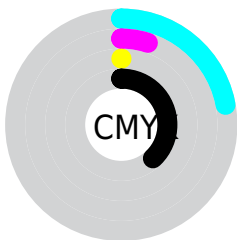
Distribution



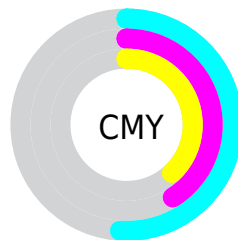
- Red (49%)
- Green (59%)
- Blue (62%)



- Red (49%)
- Yellow (55%)
- Blue (62%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3901, 28.5664, 36.5234 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 25.3901, 28.5664, 36.5234 by changing the saturation by 10% instead.

■ 25.3901, 28.5664,
36.5234

■ 25.3901, 28.5664,
36.5234

272.0871,
295.1636, 346.3488

■ 16.4982, 18.7531,
24.5458

■ 51.7277, 57.3875,
71.0173

■ 9.9705, 11.4920,
15.5231

■ 69.9042, 77.1640,
94.3706

■ 5.4415, 6.3988,
9.0366

■ 91.9062, 101.0303,
122.3530

■ 2.5460, 3.0890,
4.6679

118.0991,
129.3709, 155.3829

■ 0.9185, 1.1784,
1.9985

148.8483,
162.5701, 193.8789

■ 0.0000, 0.0440,
0.5543

184.5191,

■ 0.0000, 0.0000,

201.0124, 238.2595

0.0000

225.4769,
245.0821, 288.9433

■ 25.3901, 28.5664,
36.5234

■ 25.3901, 28.5664,
36.5234

■ 22.7036, 26.3156,
36.2310

■ 28.4630, 31.0458,
36.8405

■ 20.3835, 24.2806,
35.9605

■ 31.9361, 33.7589,
37.1811

■ 18.4115, 22.4525,
35.7116

■ 35.8257, 36.7153,
37.5467

■ 16.7669, 20.8203,
35.4832

■ 40.1465, 39.9225,
37.9381

■ 15.4266, 19.3720,
35.2743

■ 44.9122, 43.3881,
38.3558

■ 14.3644, 18.0936,
35.0835

■ 50.1361, 47.1190,
38.8006

■ 13.5494, 16.9690,
34.9094

■ 55.8309, 51.1221,
39.2731

■ 12.9887, 16.1028,
34.7718

■ 62.0088, 55.4038,
39.7740

■ 64.4390, 57.7834,
40.1052

Harmonies

Analogous

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



24.7692, 28.5664, 33.0071



25.3901, 28.5664, 36.5234



26.4932, 28.5664, 38.6692

Triad

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



25.3901, 28.5664, 36.5234



29.6784, 28.5664, 33.0436



26.5053, 28.5664, 24.5879

Complementary

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



25.3901, 28.5664, 36.5234



25.9902, 25.2270, 22.5689

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.



27.8206, 28.5664, 24.5960



25.3901, 28.5664, 36.5234



29.6819, 28.5664, 29.2754

Square

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



25.3901, 28.5664, 36.5234



28.9832, 28.5664, 36.5520



28.9925, 28.5664, 26.2490



25.3987, 28.5664, 26.2261

Rectangle

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



25.3901, 28.5664, 36.5234



27.3672, 28.5664, 38.9317



28.9925, 28.5664, 26.2490



26.9370, 28.5664, 24.4028

Sweetspot

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



25.3909, 28.5676, 36.5240



55.0021, 58.9854, 67.2298



24.6999, 30.4035, 26.3731



12.3144, 13.2312, 15.1485



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.



25.3909, 28.5676, 36.5240



43.5888, 49.7870, 66.0559



22.8810, 23.5477, 35.6874



6.6895, 7.2448, 8.4525



10.4336, 12.9588, 27.8586



0.2163, 0.2911, 0.5080

Inverse Universe

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



26.8139, 23.8871, 32.0529



46.7011, 39.8244, 56.2155



28.4761, 30.1987, 23.3975



6.8374, 6.7279, 7.9947



14.0646, 6.9304, 15.1231



0.2665, 0.1299, 0.3493

Previews

White Background



This preview shows how the XYZ color 25.3901, 28.5664, 36.5234 looks on a white background.

Color Contrast Check

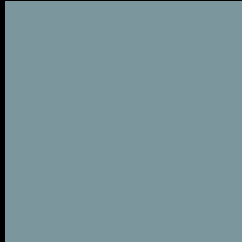
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3901, 28.5664, 36.5234 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

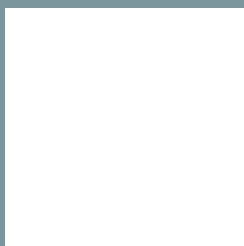
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3901, 28.5664, 36.5234

Background



This preview shows how black text looks on a background with the XYZ color 25.3901, 28.5664, 36.5234.



This preview shows how white text looks on a background with the XYZ color 25.3901, 28.5664,

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

25.3901, 28.5664, 36.5234

Protanopia

27.5667, 28.3328, 35.0262

Deuteranopia

29.0069, 28.3601, 37.2029



Tritanopia

25.6379, 28.4281, 37.8541

Trichromacy



Original Color

25.3901, 28.5664, 36.5234

Protanomaly

26.5962, 28.2764, 35.5086

Deuteranomaly

27.3866, 28.2005, 36.8007

Tritanomaly

25.5501, 28.3929, 37.3915

Monochromacy



Original Color

25.3901, 28.5664, 36.5234

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7775, 27.9301, 32.0494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3901, 28.5664, 36.5234 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(124, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(124, 150, 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(124, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 150, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.3901, 28.5664, 36.5234 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(124, 150, 158) }
```


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

```
.border{ border-color:rgb(124, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(124, 150,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3901, 28.5664, 36.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 150, 158) }
```

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

```
.background{ background-color: rgb(124,  
150, 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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