

Converting Colors

XYZ(20.3904, 25.7096, 43.2857)

Have a look what the booklet for
XYZ(20.3904, 25.7096, 43.2857)
contains.

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Color

**XYZ(20.3402, 25.5688,
43.3984)**

Conversions

Conversions Part 1

Format	Color
Hex	3F95AD
RGB	63, 149, 173
RGB Percent	25%, 58%, 68%
CMY	0.7529, 0.4157, 0.3216
CMYK	0.64, 0.14, 0.00, 0.32
HSL	193°, 47%, 46%
HSV	193°, 64%, 68%
XYZ	20.3402, 25.5688, 43.3984
YIQ	126.0220, -58.9600, -10.7680

Conversions

Conversions Part 2

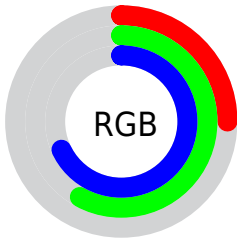
Format	Color
R _Y B	63, 111, 173
Decimal	4167085
CIE Lab	57.63, -18.28, -20.25
CIE LCh	58, 27.277, 227.922
Yxy	25.5688, 0.2278, 0.2863
Android (android.graphics.Color)	4282357165 (0xFF3F95AD)
YUV	126.0220, 23.1602, -55.2703
Hunter-Lab	50.5656, -16.6875, -15.4903

Details

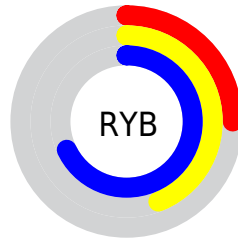
The XYZ color **20.3402, 25.5688, 43.3984** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5398, 16.0605, 6.6683**, and the grayscale version is **19.7777, 20.8077, 22.6596**.

A 20% lighter version of the original color is **43.3856, 52.4509, 81.2362**, and **7.8189, 10.1158, 19.6296** is the 20% darker color. If you saturate the color by 10%, you get **18.8167, 23.9117, 43.1593**, and if you desaturate by 10%, it is **22.2319, 27.4455, 43.6614**.

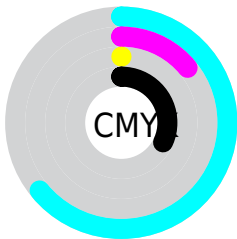
Distribution



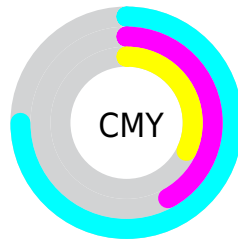
- Red (25%)
- Green (58%)
- Blue (68%)



- Red (25%)
- Yellow (44%)
- Blue (68%)



- Cyan (64%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)



- Cyan (75%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3402, 25.5688, 43.3984 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 20.3402, 25.5688, 43.3984 by changing the saturation by 10% instead.

■ 20.3402, 25.5688,
43.3984

■ 20.3402, 25.5688,
43.3984

246.5495,
280.6589, 376.2169

■ 12.7523, 16.5013,
29.8641

■ 43.4864, 52.5785,
81.6045

■ 7.3340, 9.8796,
19.4843

■ 59.7754, 71.2895,
107.1134

■ 3.7200, 5.3192,
11.8404

■ 79.6955, 93.9838,
137.4510

■ 1.5450, 2.4357,
6.5139

■ 103.6120,
121.0459, 173.0357

■ 0.3561, 0.8442,
3.0862

■ 131.8903,
152.8600, 214.2861

■ 0.0000, 0.0000,
1.1388

164.8958,

■ 0.0000, 0.0000,

189.8106, 261.6207

0.0000

202.9937,
232.2821, 315.4581

■ 20.3402, 25.5688,
43.3984

■ 20.3402, 25.5688,
43.3984

■ 18.8167, 23.9117,
43.1593

■ 22.2319, 27.4455,
43.6614

■ 17.6248, 22.4535,
42.9407

■ 24.5188, 29.5544,
43.9479

■ 16.7248, 21.1739,
42.7411

■ 27.2283, 31.9104,
44.2599

■ 16.2426, 20.4165,
42.6204

■ 30.3845, 34.5263,
44.5985

■ 34.0096, 37.4136,
44.9647

■ 38.1244, 40.5835,
45.3597

■ 42.7484, 44.0460,
45.7843

■ 47.8999, 47.8111,
46.2395

■ 53.5963, 51.8878,
46.7262

Harmonies

Analogous

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



18.8143, 25.5688, 33.7361



20.3402, 25.5688, 43.3984



23.0146, 25.5688, 49.3355

Triad

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



20.3402, 25.5688, 43.3984



30.9596, 25.5688, 31.7666



22.4245, 25.5688, 14.0174

Complementary

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



20.3402, 25.5688, 43.3984



21.5398, 16.0605, 6.6683

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.



25.6373, 25.5688, 13.7198



20.3402, 25.5688, 43.3984



30.7657, 25.5688, 22.6745

Square

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



20.3402, 25.5688, 43.3984



29.2567, 25.5688, 41.6819



28.7483, 25.5688, 16.5309



19.9416, 25.5688, 17.4620

Rectangle

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



20.3402, 25.5688, 43.3984



25.1764, 25.5688, 49.6671



28.7483, 25.5688, 16.5309



23.4488, 25.5688, 13.5793

Sweetspot

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



20.3410, 25.5697, 43.3990



57.0699, 63.9705, 80.1454



18.7078, 31.6300, 14.1015



12.0228, 13.5974, 17.3786



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



20.3410, 25.5697, 43.3990



32.8333, 41.8054, 77.1445



13.6112, 12.1101, 41.1557



8.0858, 8.7711, 10.2195



11.9757, 15.0852, 31.3251



0.3695, 0.4924, 0.8836

Inverse Universe

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



24.4366, 14.6101, 29.9668



41.1671, 22.1323, 49.2229



27.7798, 28.5405, 8.7483



8.2611, 8.1177, 9.6859



15.9084, 7.8259, 17.6949



0.4609, 0.2251, 0.5890

Previews

White Background



This preview shows how the XYZ color 20.3402, 25.5688, 43.3984 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 20.3402, 25.5688, 43.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

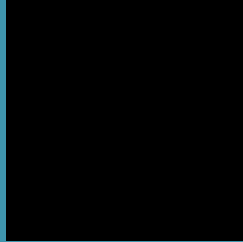
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3402, 25.5688, 43.3984

Background



This preview shows how black text looks on a background with the XYZ color 20.3402, 25.5688, 43.3984.



This preview shows how white text looks on a background with the XYZ color 20.3402, 25.5688,

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

20.3402, 25.5688, 43.3984

Protanopia

25.0207, 25.1942, 38.6662

Deuteranopia

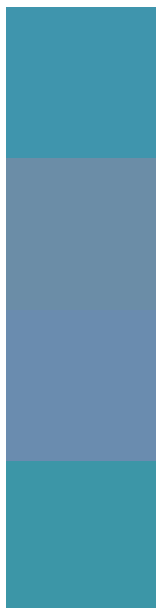
25.8605, 25.2878, 44.5923



Tritanopia

19.4224, 25.6771, 38.5828

Trichromacy



Original Color

20.3402, 25.5688, 43.3984

Protanomaly

22.5633, 24.9656, 40.1888

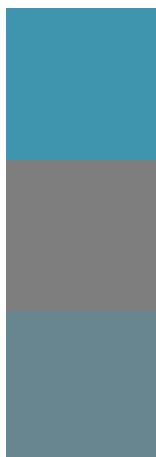
Deuteranomaly

23.0598, 24.9155, 44.1512

Tritanomaly

19.7449, 25.5634, 40.4528

Monochromacy



Original Color

20.3402, 25.5688, 43.3984

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0765, 21.9169, 29.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3402, 25.5688, 43.3984 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(63, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(63, 149, 173)  
}
```

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(63, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 149, 173) }
```

Border

The CSS property to change the border of an element to XYZ 20.3402, 25.5688, 43.3984 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(63, 149, 173) }
```


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

```
.border{ border-color:rgb(63, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(63, 149,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3402, 25.5688, 43.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 149, 173) }
```

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

```
.background{ background-color: rgb(63, 149,  
173) }
```

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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